

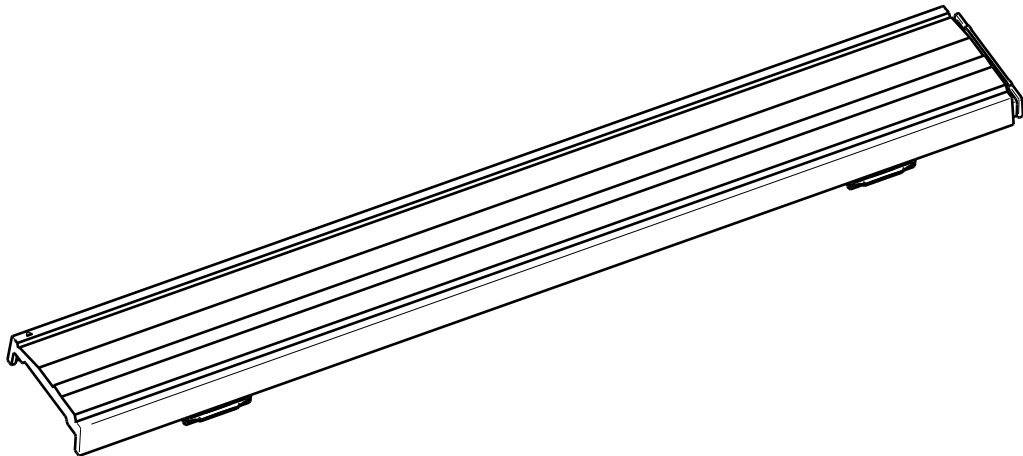
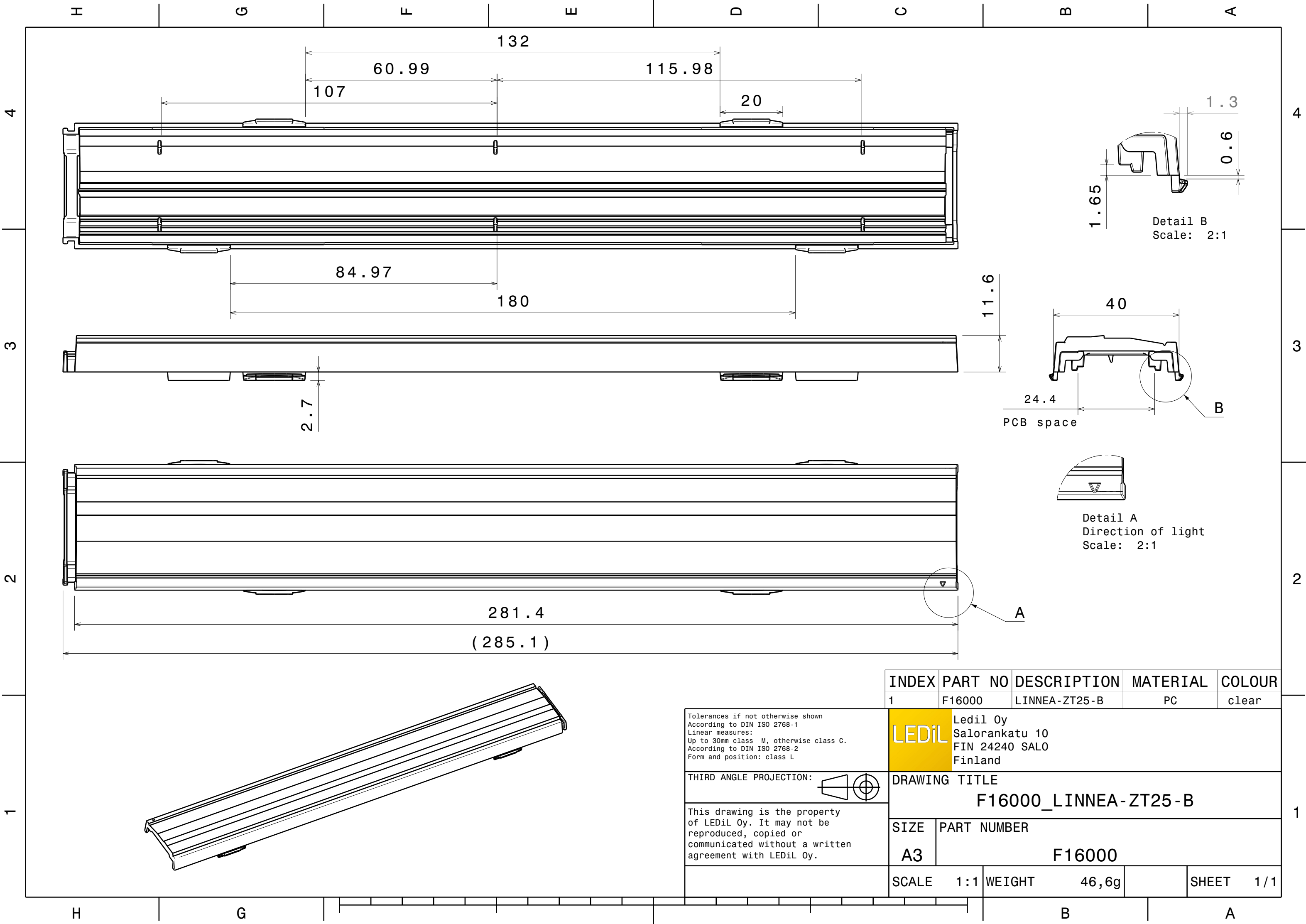
DETAILS

Product Number	F16000_LINNEA-ZT25-B
Family	Linnea
Type	Lens
Color	clear
Diameter	285,1+40 mm
Height	11,5 mm
Style	rectang
Optic Material	PC
Holder Material	
Fastening	clips
Status	production ready
ROHS Compliant	Yes
Date Updated	25/01/2018

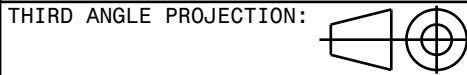


OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XP-E	Asymmetric deg	Asymmetric	80 %	0.720	-
NF2x757D	sim: Asymmetric	Asymmetric	sim: 73 %	sim: 0.000	-
NFSx757G	Asymmetric deg	Asymmetric	80 %	0.800	-
PrevaLED Linear Slim 3 (2000lm)	Asymmetric deg	Asymmetric	80 %	0.780	-
Duris S5 (2 chip)	Asymmetric deg	Asymmetric	81 %	0.760	-
Duris S5 (Single chip)	Asymmetric deg	Asymmetric	83 %	0.780	-
Fortimo LED Strip 1ft 1100lm FC HV4 & LVS	Asymmetric deg	Asymmetric	81 %	0.810	-
Fortimo LED Strip 1ft 650lm FC HV4 & LVS	Asymmetric deg	Asymmetric	81 %	0.760	-
LM561B	N/A deg	Asymmetric	sim: 73 %	sim: 0.000	-
LT-V282E	Asymmetric deg	Asymmetric	82 %	0.730	-
LT-V562E	Asymmetric deg	Asymmetric	82 %	0.730	-
LT-H282C	Asymmetric deg	Asymmetric	82 %	0.680	-
LT-H562C	Asymmetric deg	Asymmetric	82 %	0.680	-
LT-S282H	Asymmetric deg	Asymmetric	81 %	0.710	-
LT-S562H	Asymmetric deg	Asymmetric	81 %	0.710	-
LT-Q282B	Asymmetric deg	Asymmetric	82 %	0.710	-
SEOUL 5630D	Asymmetric deg	Asymmetric	80 %	0.720	-
SunLike 3030	Asymmetric deg	Asymmetric	82 %	0.800	-
LLE G4 24x280mm 2000lm ADV	Asymmetric deg	Asymmetric	81 %	0.710	-
LLE G4 24x280mm 650lm	Asymmetric deg	Asymmetric	82 %	0.840	-
LLE G4 24x280mm 1250lm	Asymmetric deg	Asymmetric	82 %	0.800	-



Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

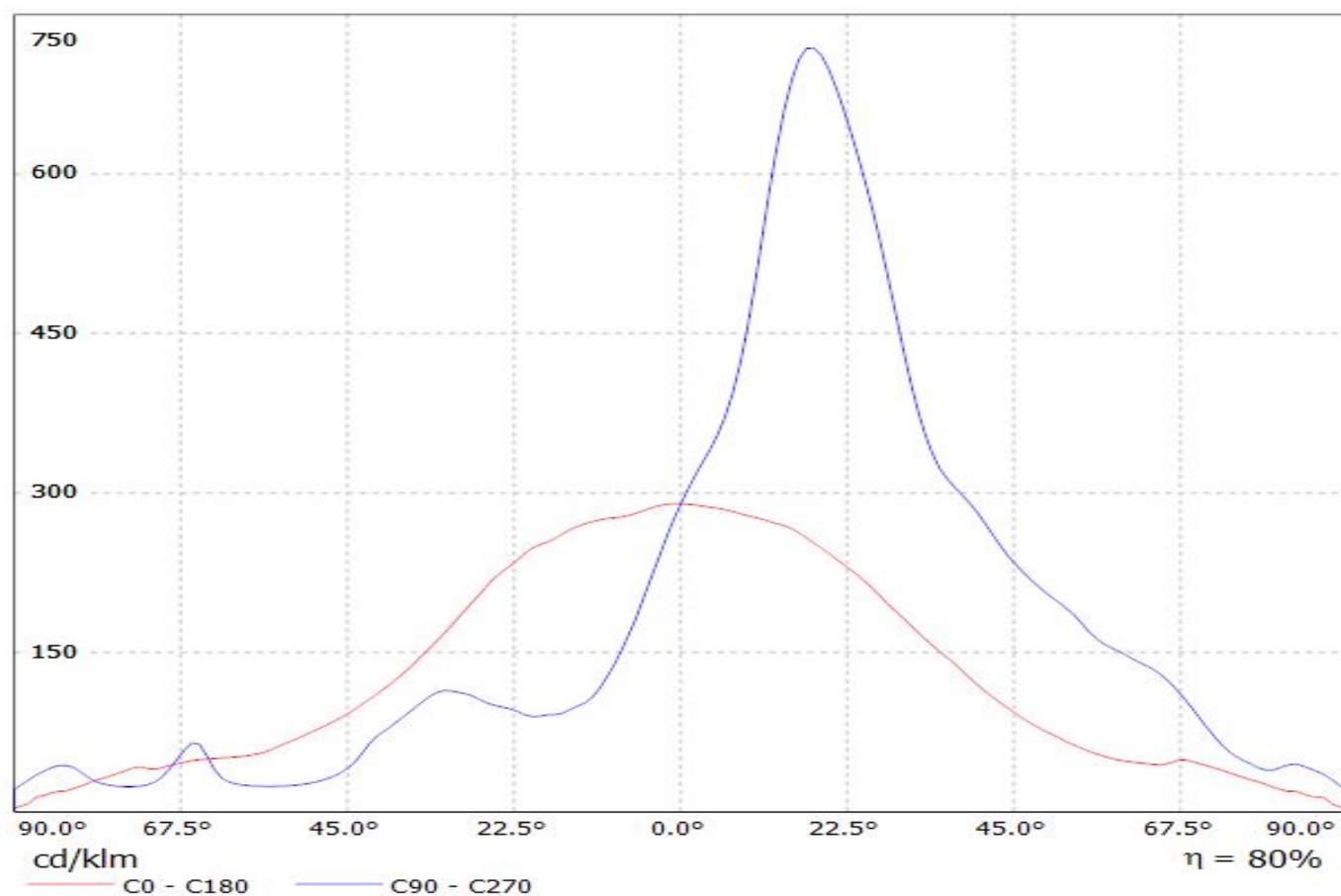


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agreement with LEDiL Oy.

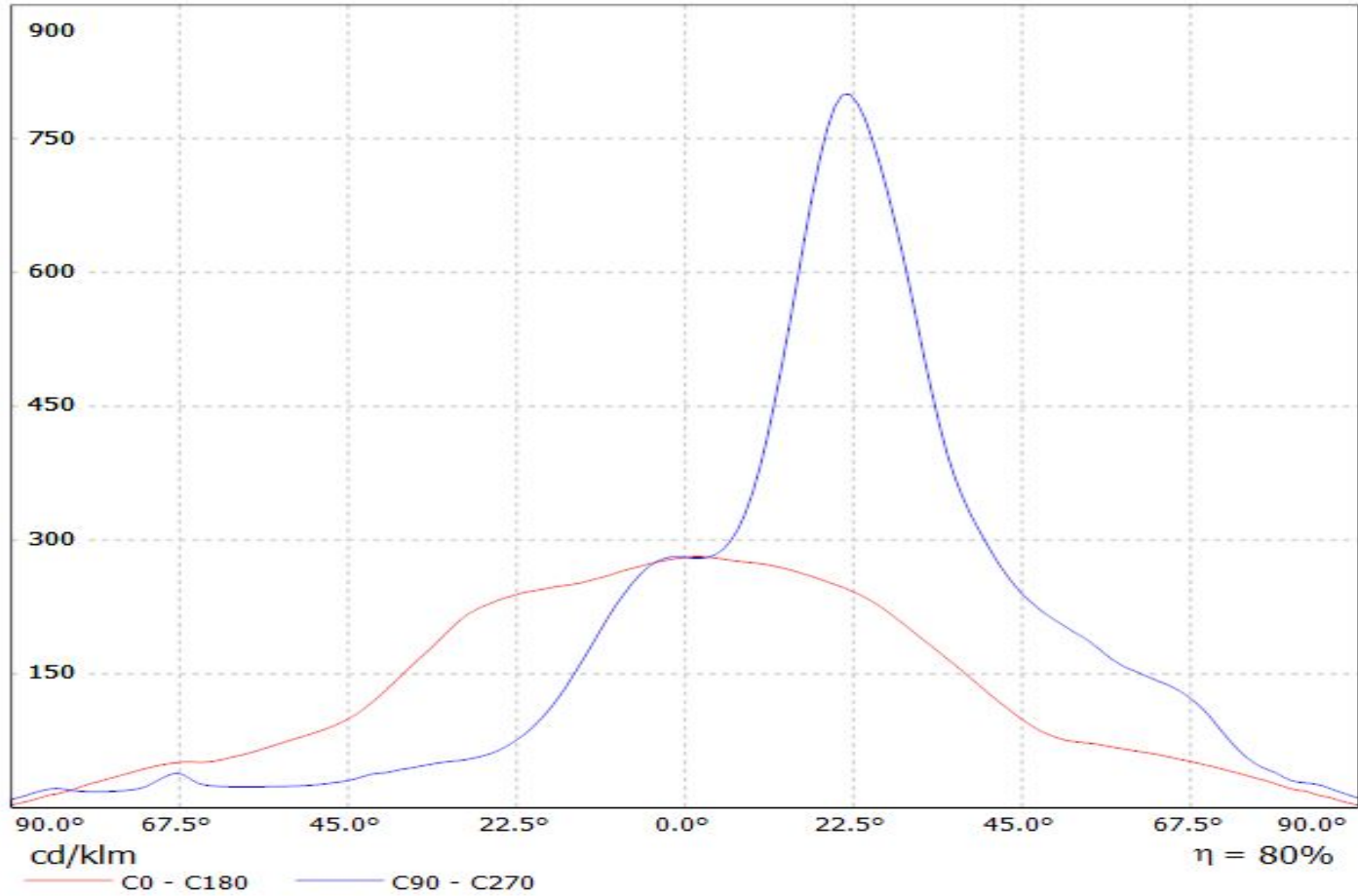
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F16000	LINNEA-ZT25-B	PC	clear
LEDiL LediL Oy Salorankatu 10 FIN 24240 SALO Finland				
DRAWING TITLE F16000_LINNEA-ZT25-B				
SIZE A3		PART NUMBER F16000		
SCALE 1:1		WEIGHT 46,6g	SHEET 1/1	

Luminaire: LEDiL Oy F16000_LINNEA-ZT25-B_(XP-E)

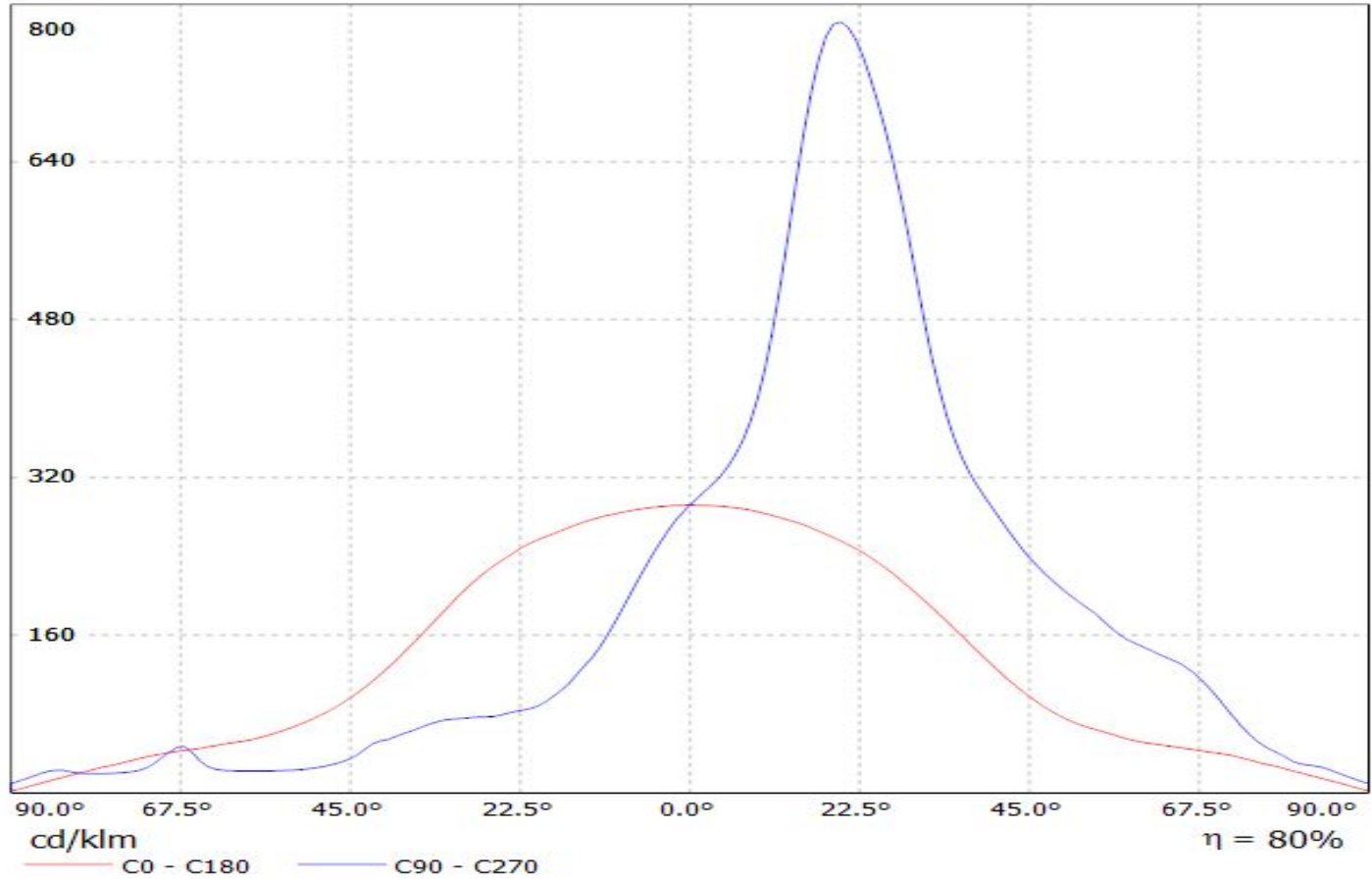
Lamps: 1 x Cree_XP-E_x12_(XPEWHT-L1-3C0-Q5-0-00)_920.665lm@250mA_P=9.07548W_U=36.329V



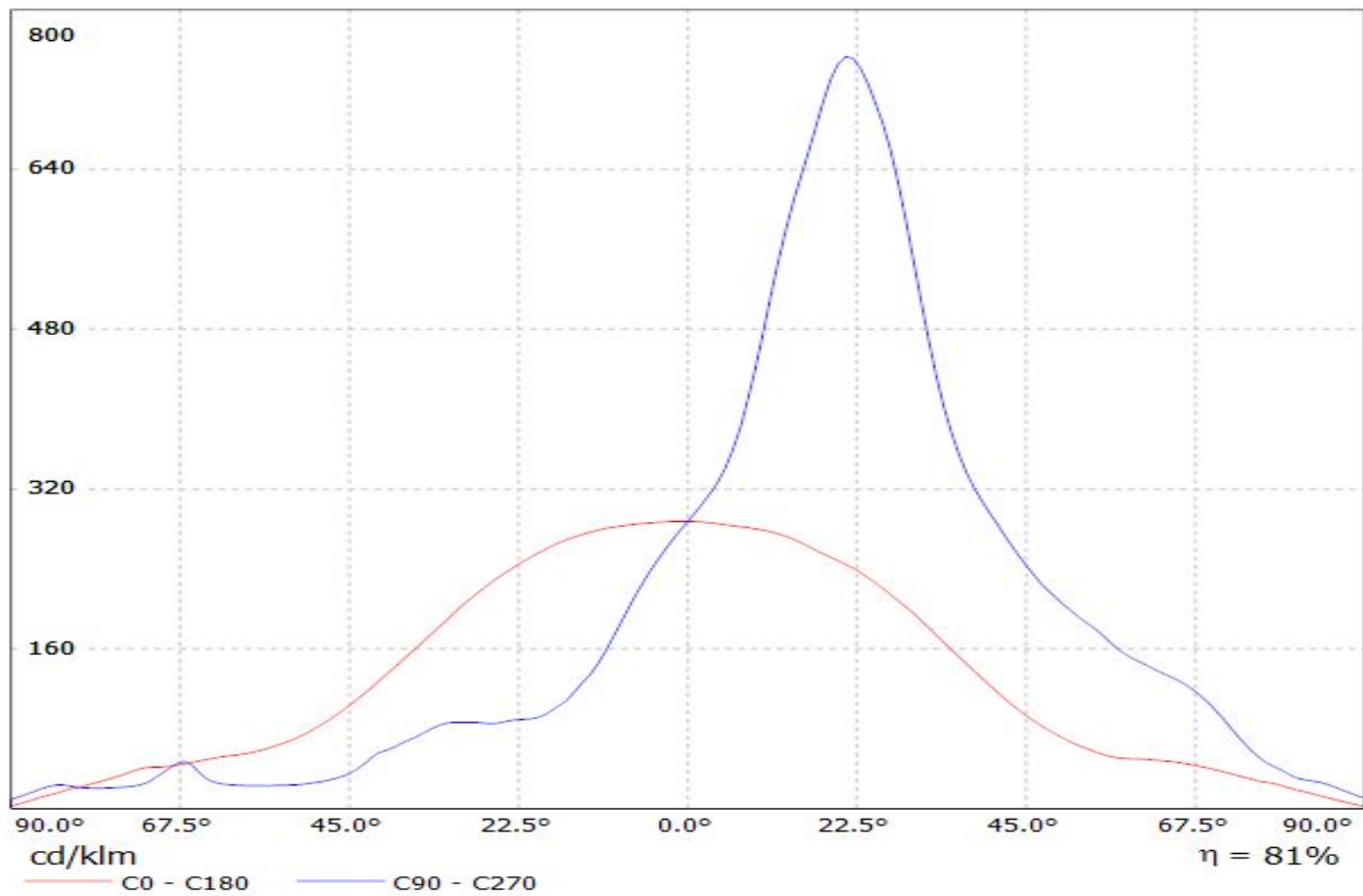
Luminaire: LEDiL Oy F16000_LINNEA-ZT25-B_(NFSx757G)
Lamps: 1 x Nichia_NFSx757Gx12_389.068lm@65mA_P=2.23905W_U=34.391V



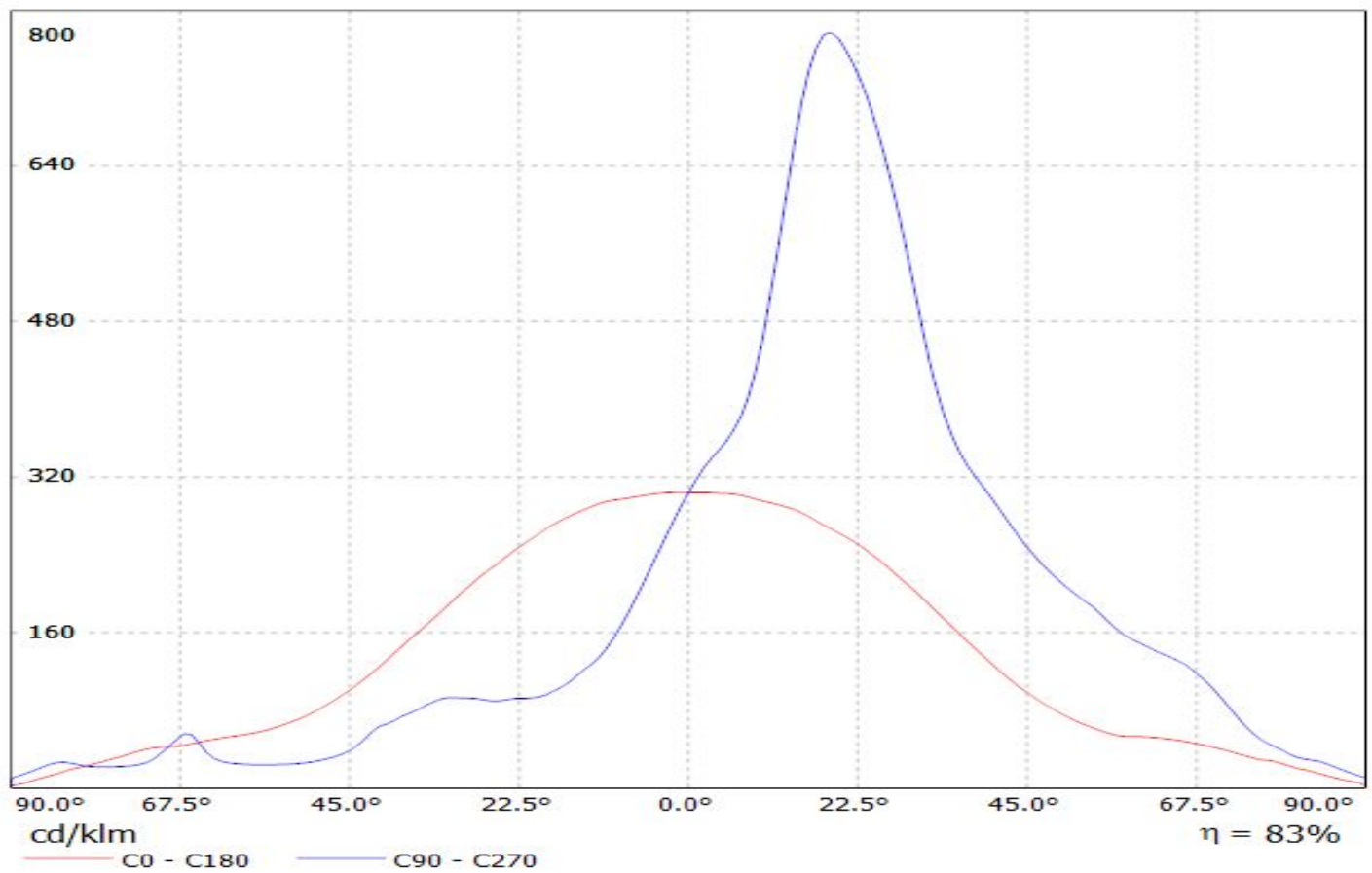
Luminaire: Ledil F16000_LINNEA-ZT25-B_(Prevaled_Linear_Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3_(PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V



Luminaire: Ledil F16000_LINNEA-ZT25-B_(Duris_S5)
Lamps: 1 x Osram_Duris_S5_1183.73lm@250mA_P=8.66003W_U=34.724V

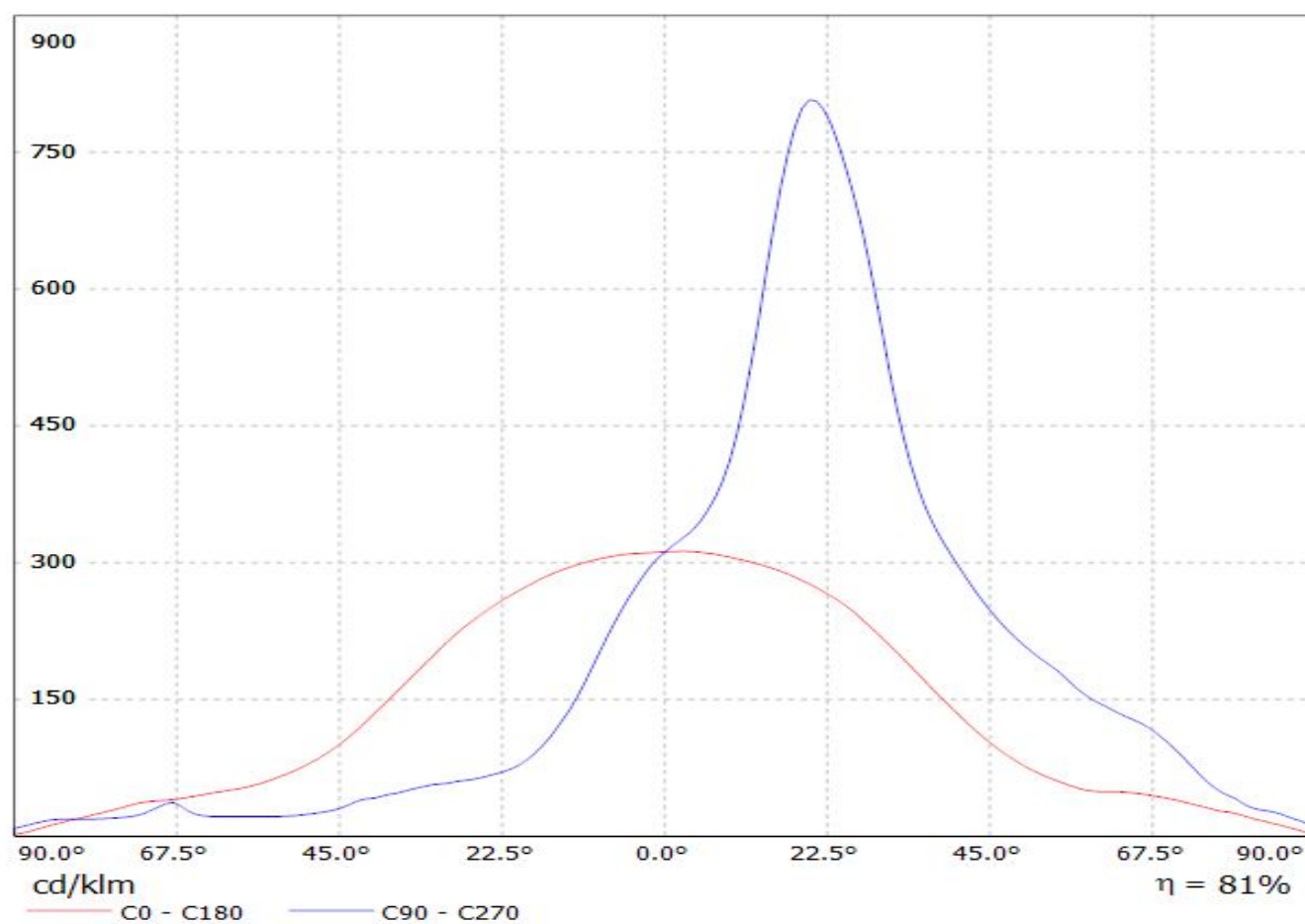


Luminaire: LEDiL Oy F16000_LINNEA-ZT25-B_(Duris_S5_1chip)
Lamps: 1 x Osram_Duris_S5_1chip_(GWPSLM31_EM-GUHQ-A535-1)
_359.255lm@65mA_P=2.13817W_U=33.253V

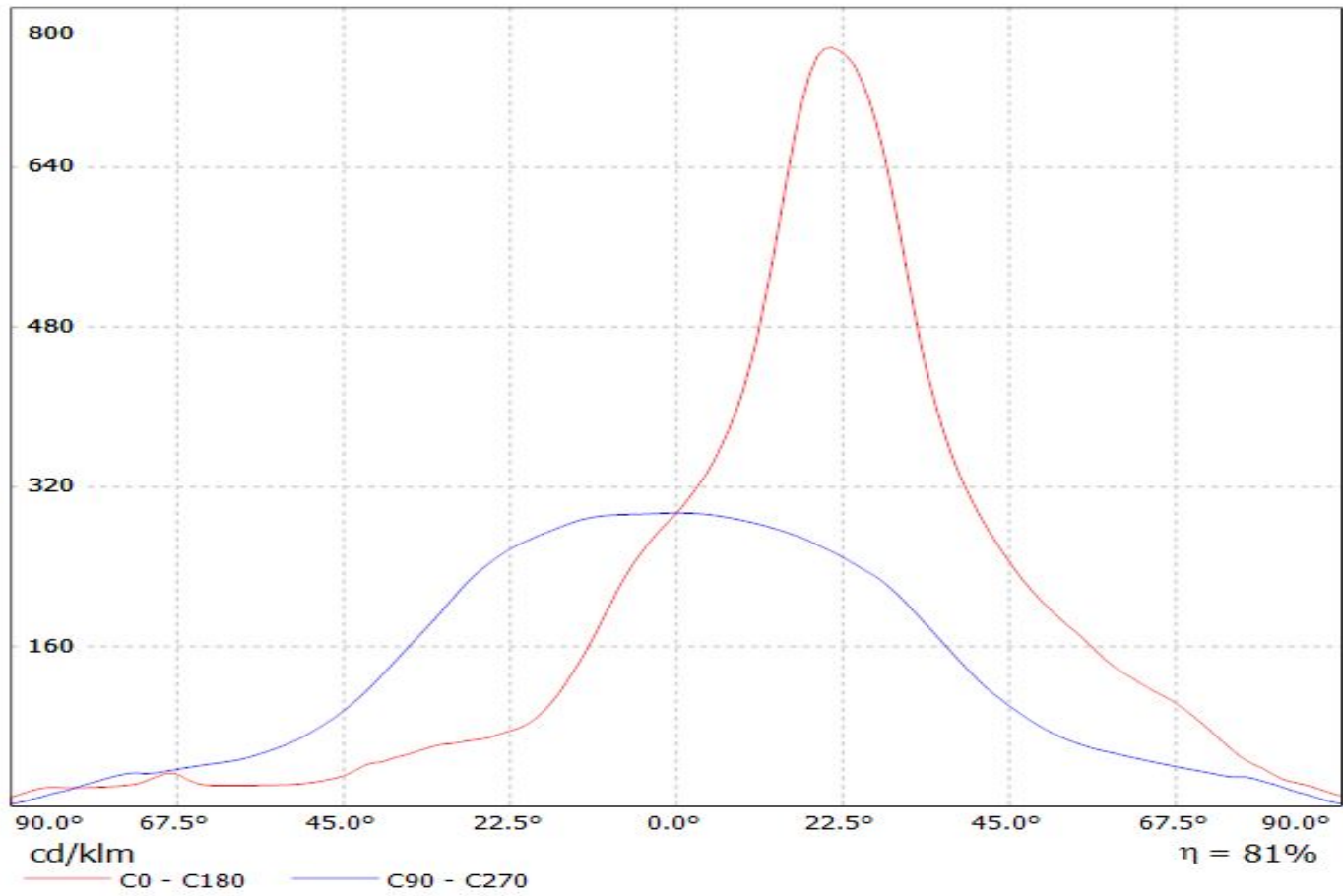


Luminaire: Ledil F16000_LINNEA-ZT25-B_(Fortimo_LED_Strip_1ft_1100lm_FC_HV4)

Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_1100lm_930_FC_HV4_735.772lm@250mA_P=5.6145W_U=22.496V

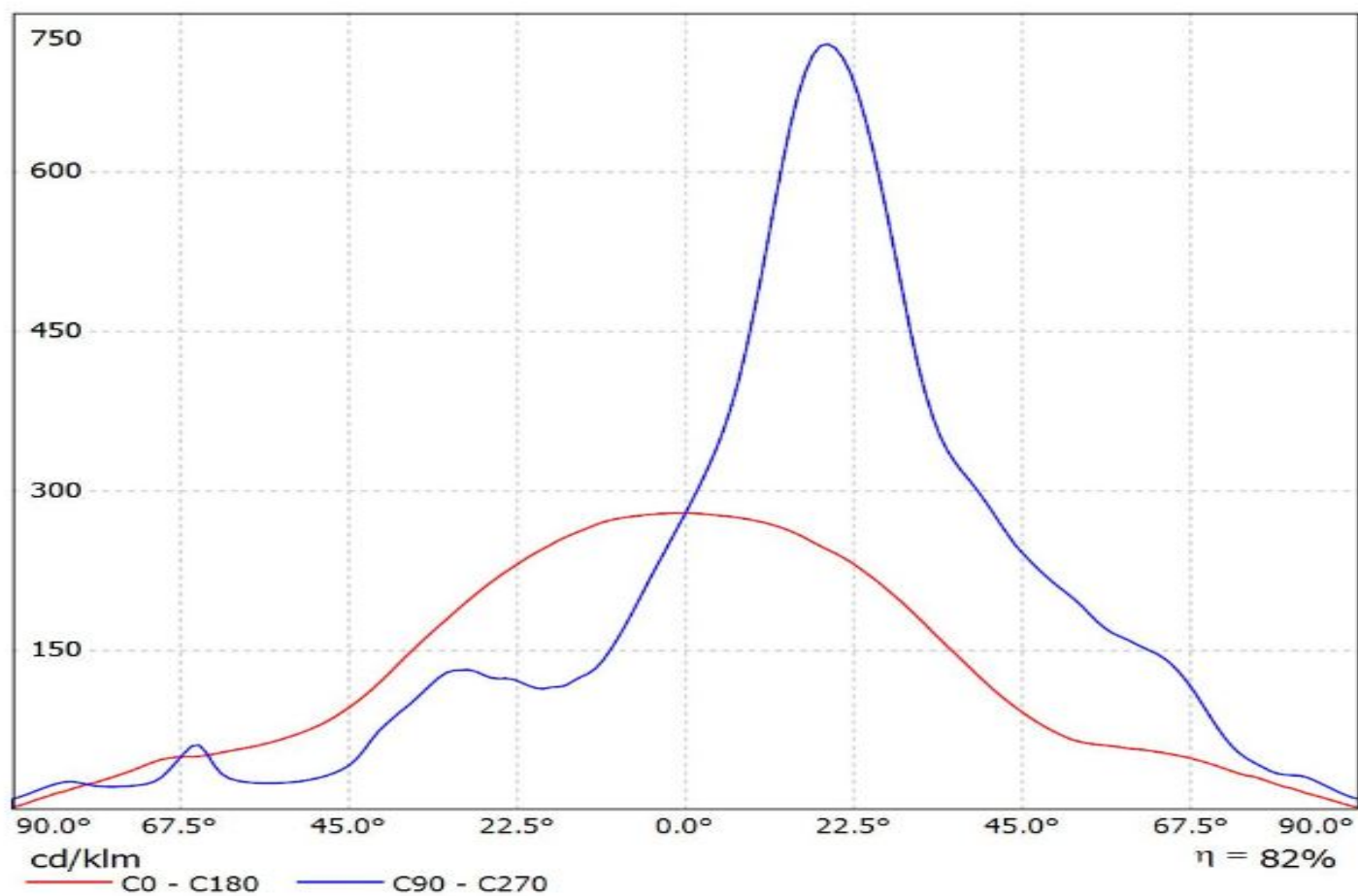


Luminaire: Ledil F16000_LINNEA-ZT25-B_(Fortimo_LED_Strip_1ft_650lm_FC_LV4)
Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_650lm_FC_LV4_994.849lm@190mA_P=6.82273W_U=35.990V

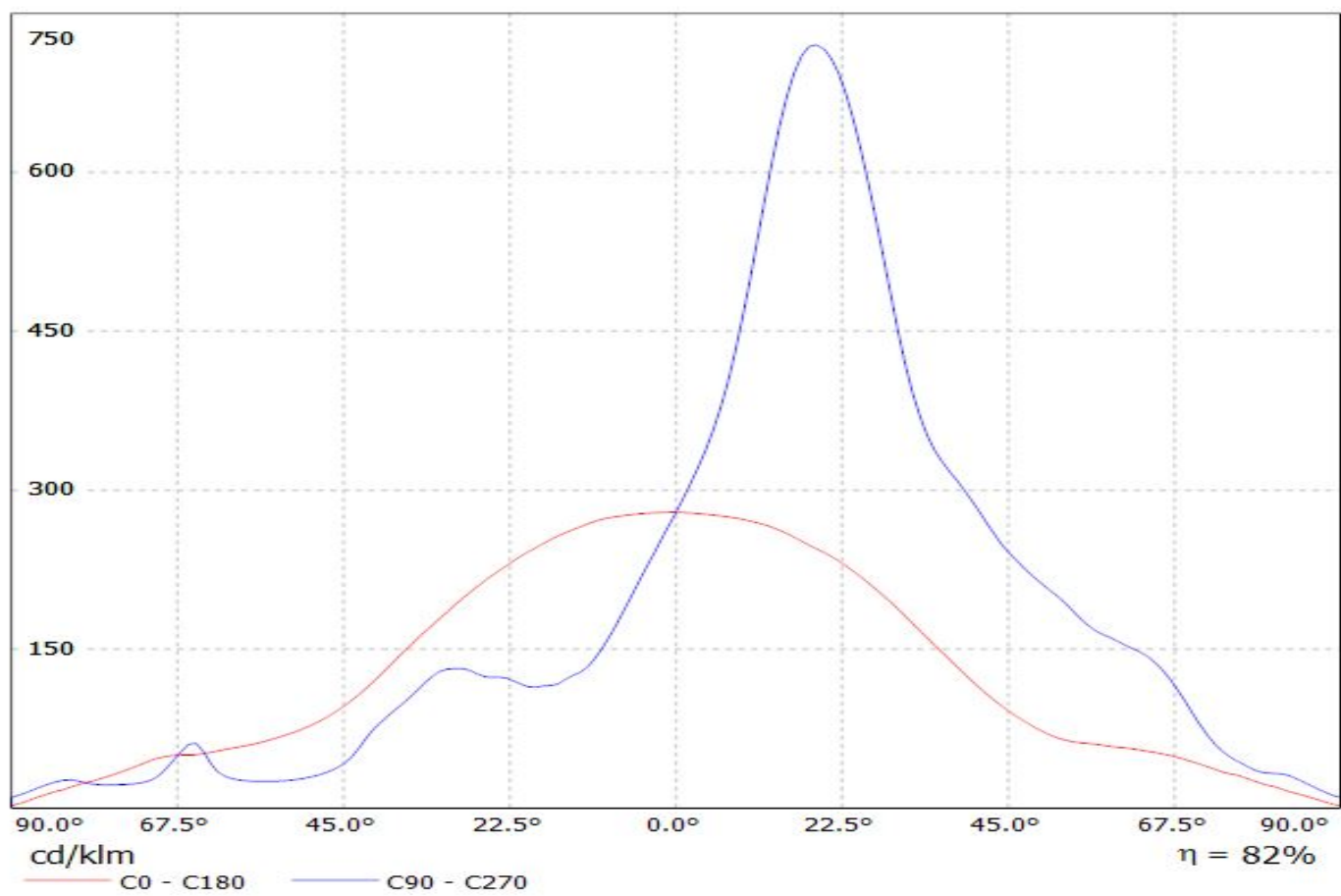


Luminaire: Ledil F16000_LINNEA-ZT25-B_(LT-V282E)

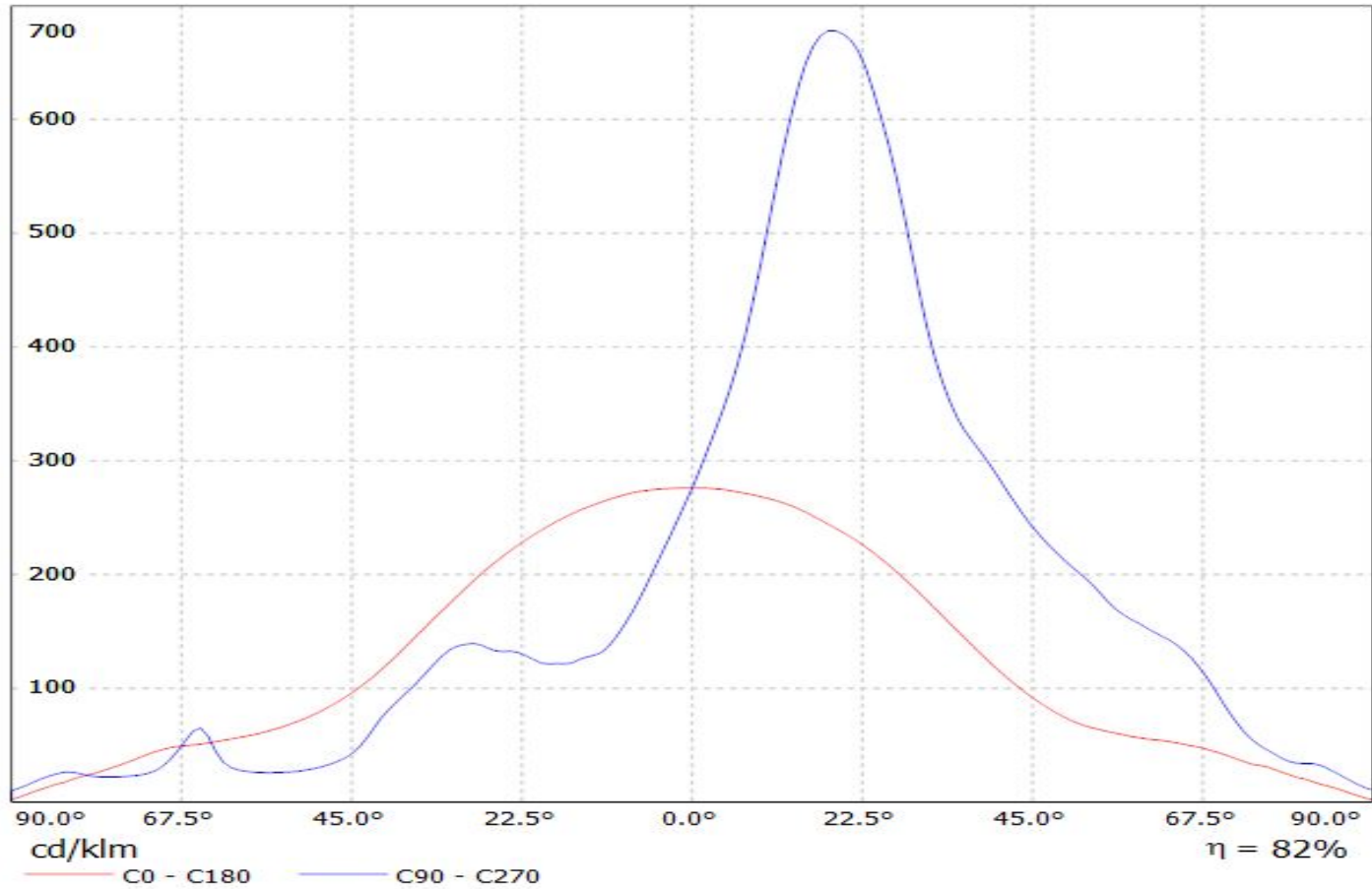
Lamps: 1 x Samsung_LT-V282E_(LM281B)_1072.13lm@300mA_CCT=4000K_P=7.1427W_I=0.30A



Luminaire: Ledil F16000 LINNEA-ZT25-B (LT-V562E)
Lamps: 1 x Samsung_LT-V562E_(LM281B)_2144.6lm@300mA_CCT=4000K_P=14.2854W_I=0.30A

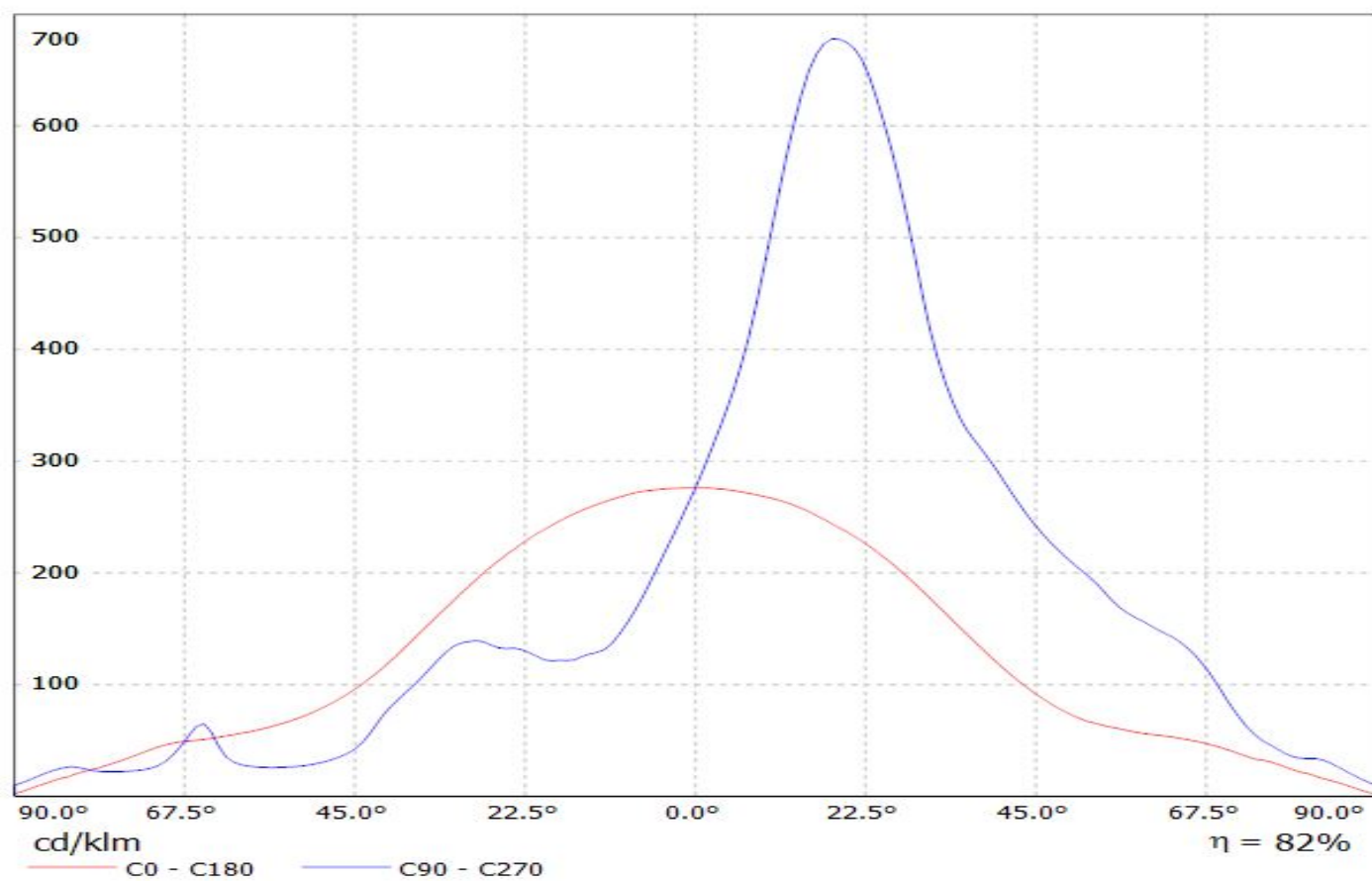


Luminaire: Ledil F16000_LINNEA-ZT25-B_(LT-H282C)
Lamps: 1 x Samsung_LT-H282C_(LM561C)_997.05lm@240mA_CCT=4000K_P=5.43445W_I=0.240A

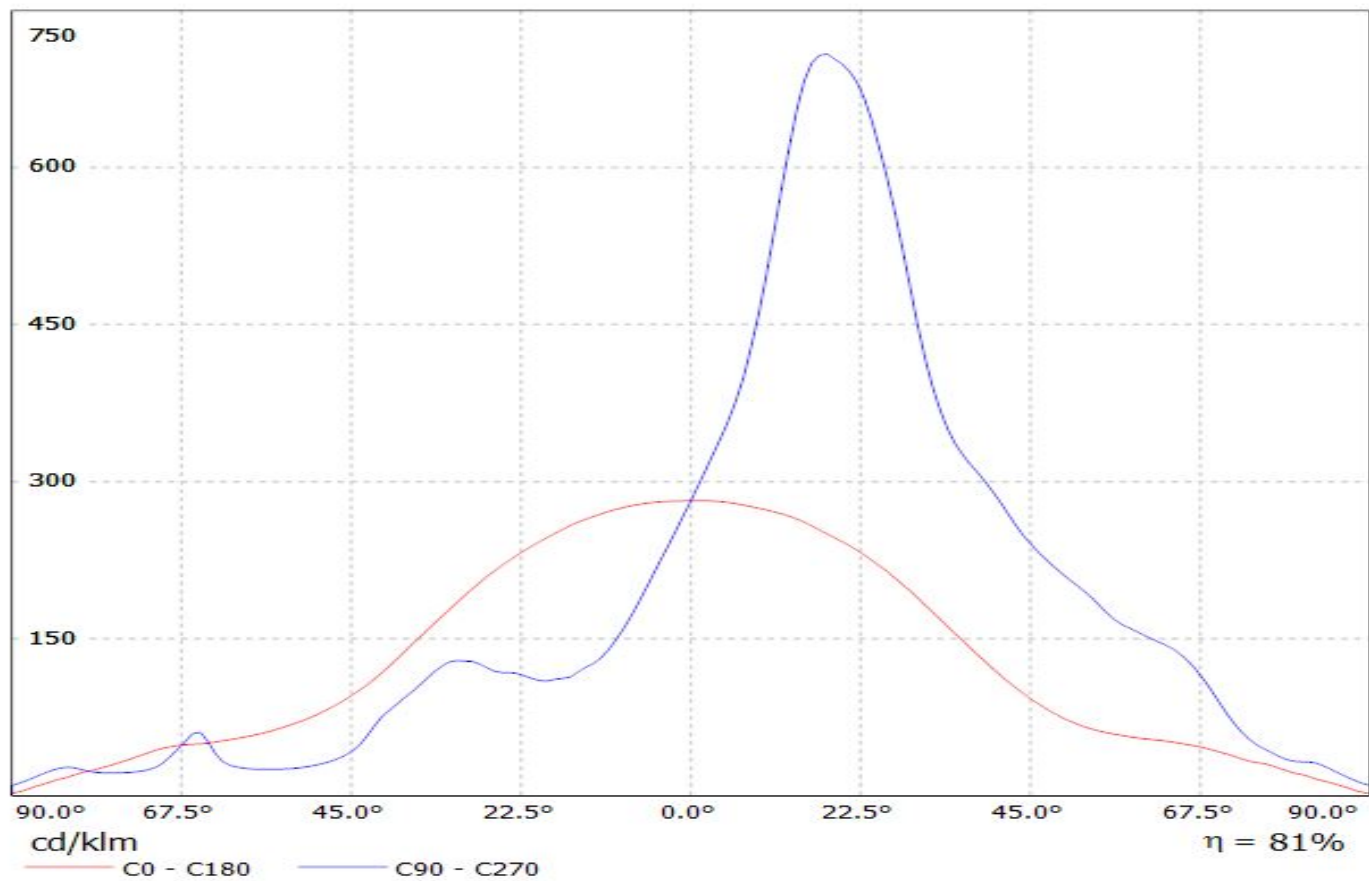


Luminaire: Ledil F16000 LINNEA-ZT25-B (LT-H562C)

Lamps: 1 x Samsung_LT-H562C_(LM561C)_1994.1lm@240mA_CCT=4000K_P=10.8689W_I=0.240A

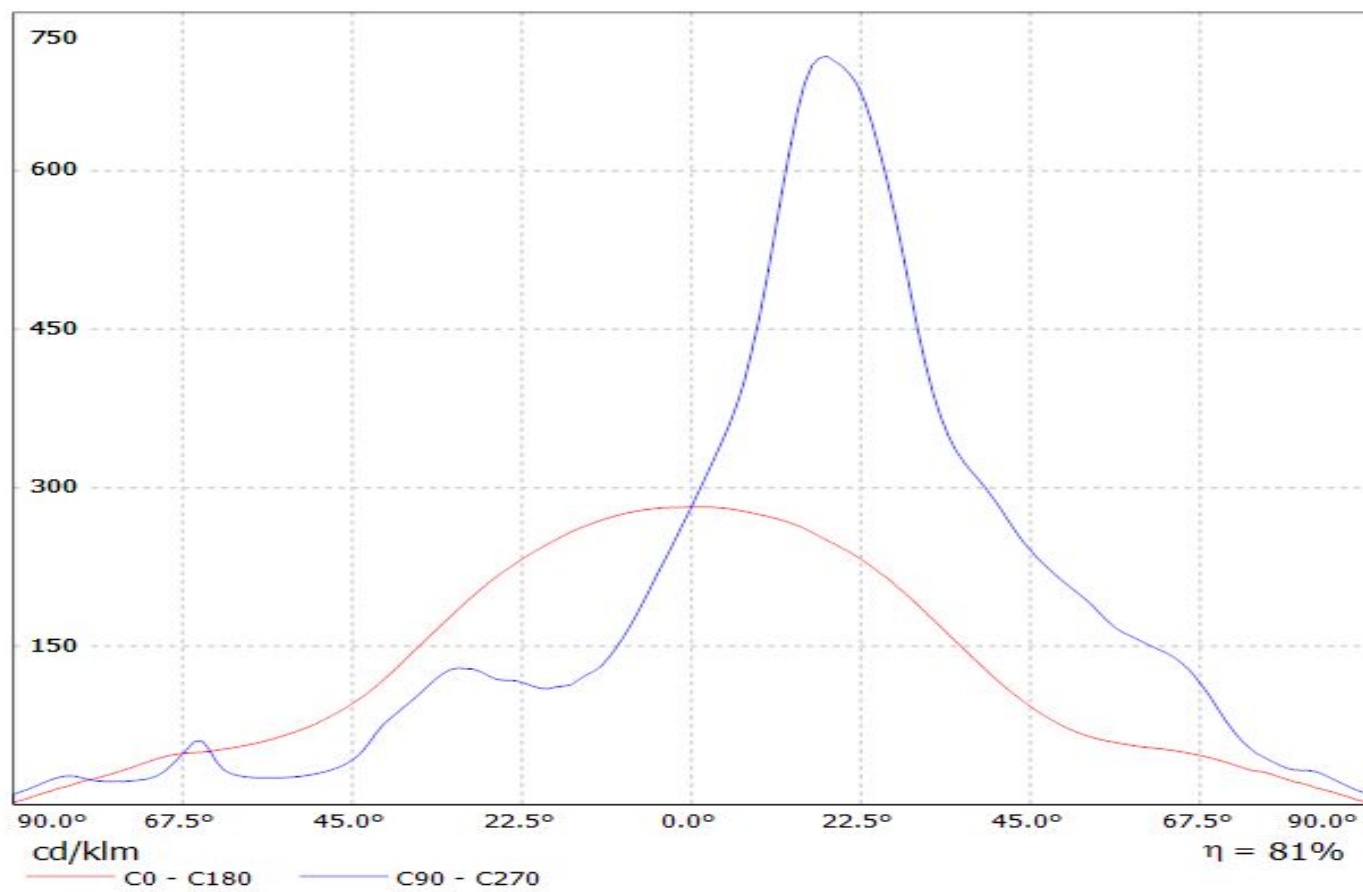


Luminaire: Ledil F16000_LINNEA-ZT25-B_(LT-S282H)
Lamps: 1 x Samsung_LT-S282H_(LM561B+)_1143.31lm@300mA_P=7.2W_I=0.30A

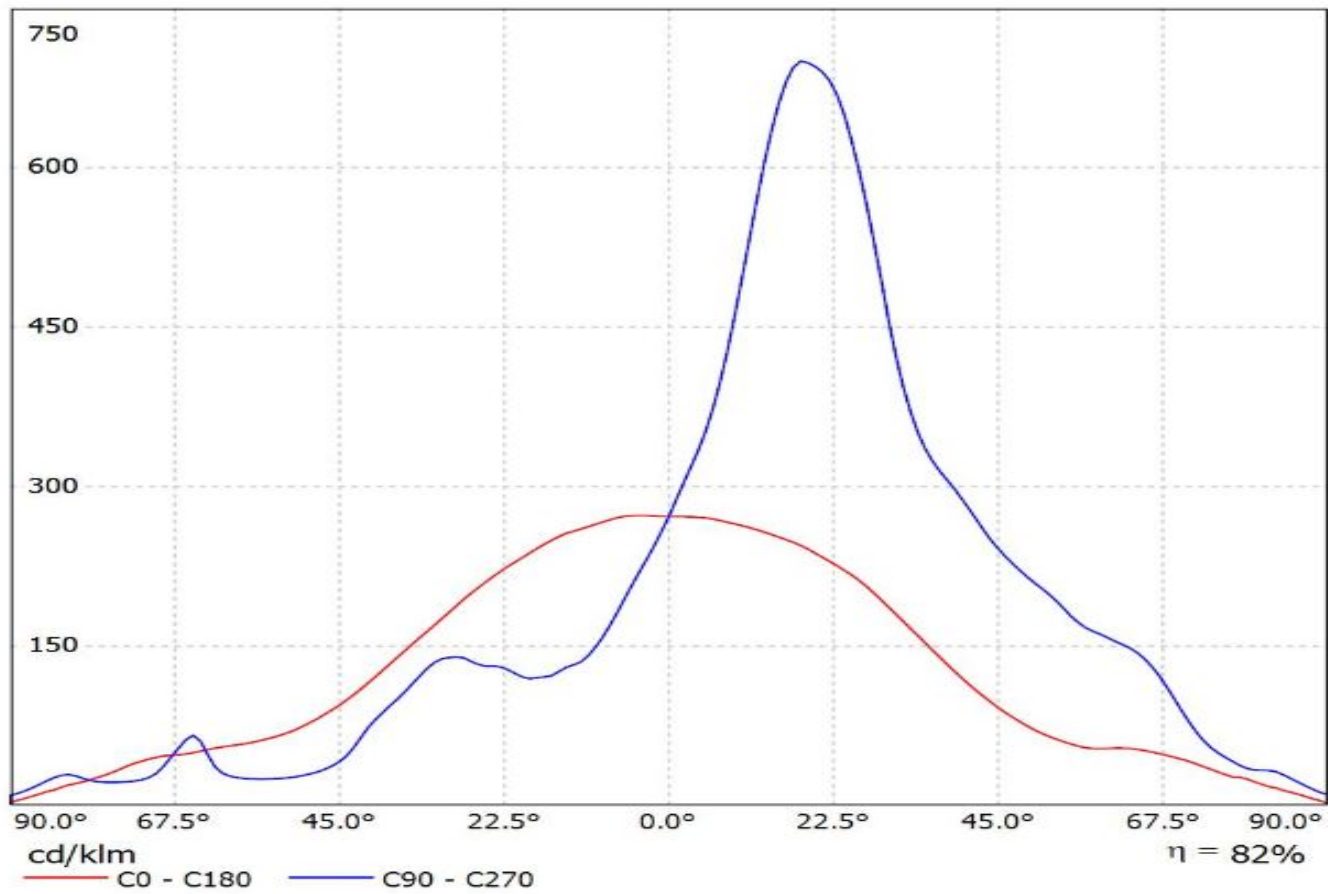


Luminaire: Ledil F16000_LINNEA-ZT25-B_(LT-S562H)

Lamps: 1 x Samsung_LT-S562H_(LM561B+)_2286.62lm@300mA_P=14.4W_I=0.30A

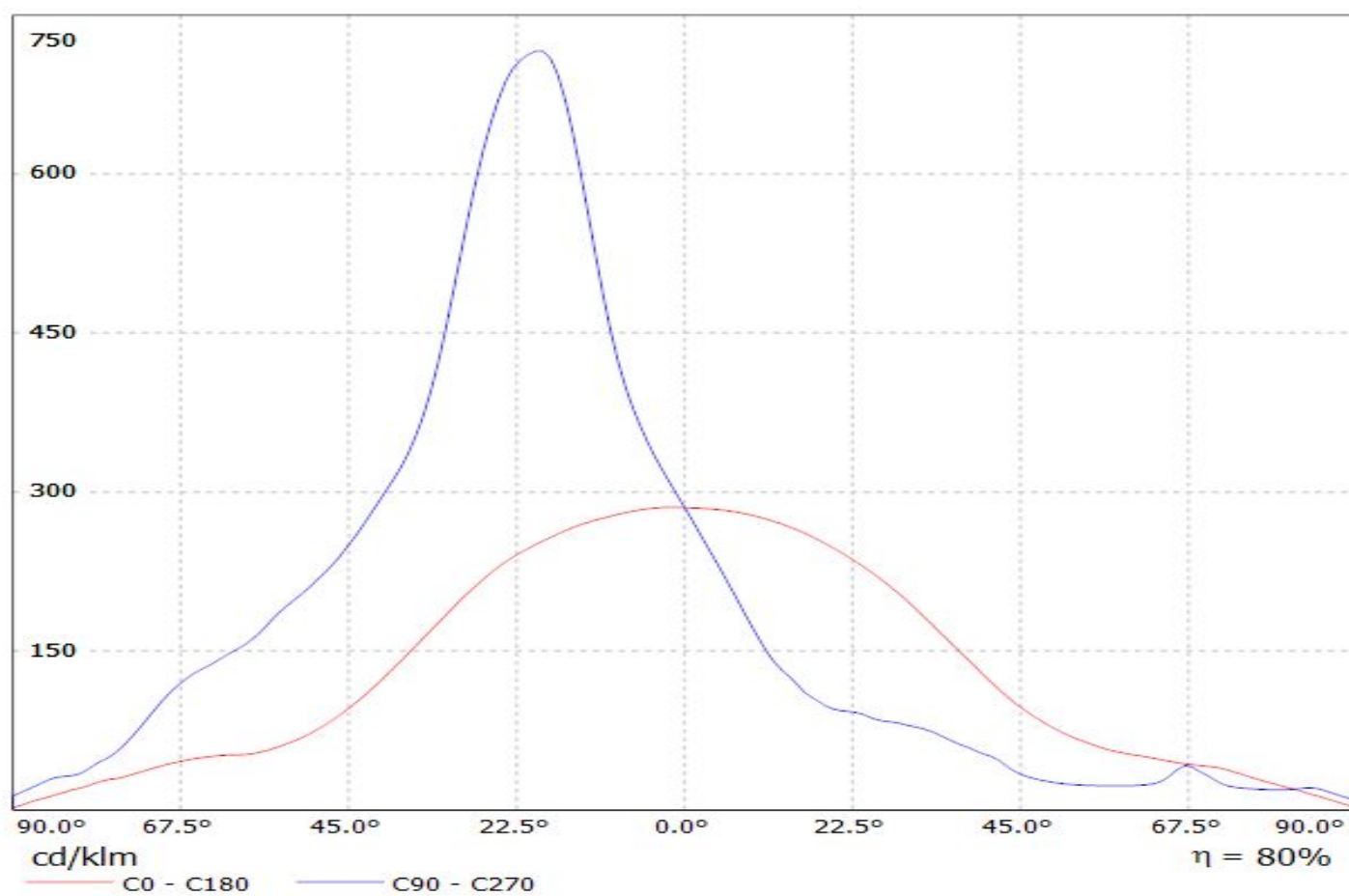


Luminaire: Ledil F16000 LINNEA-ZT25-B_(LT-Q282B)
Lamps: 1 x Samsung_LT-Q282B_(LM301B_SI-B8T053280EU)_943.526lm@180mA_P=4.99618W_U=27.805V

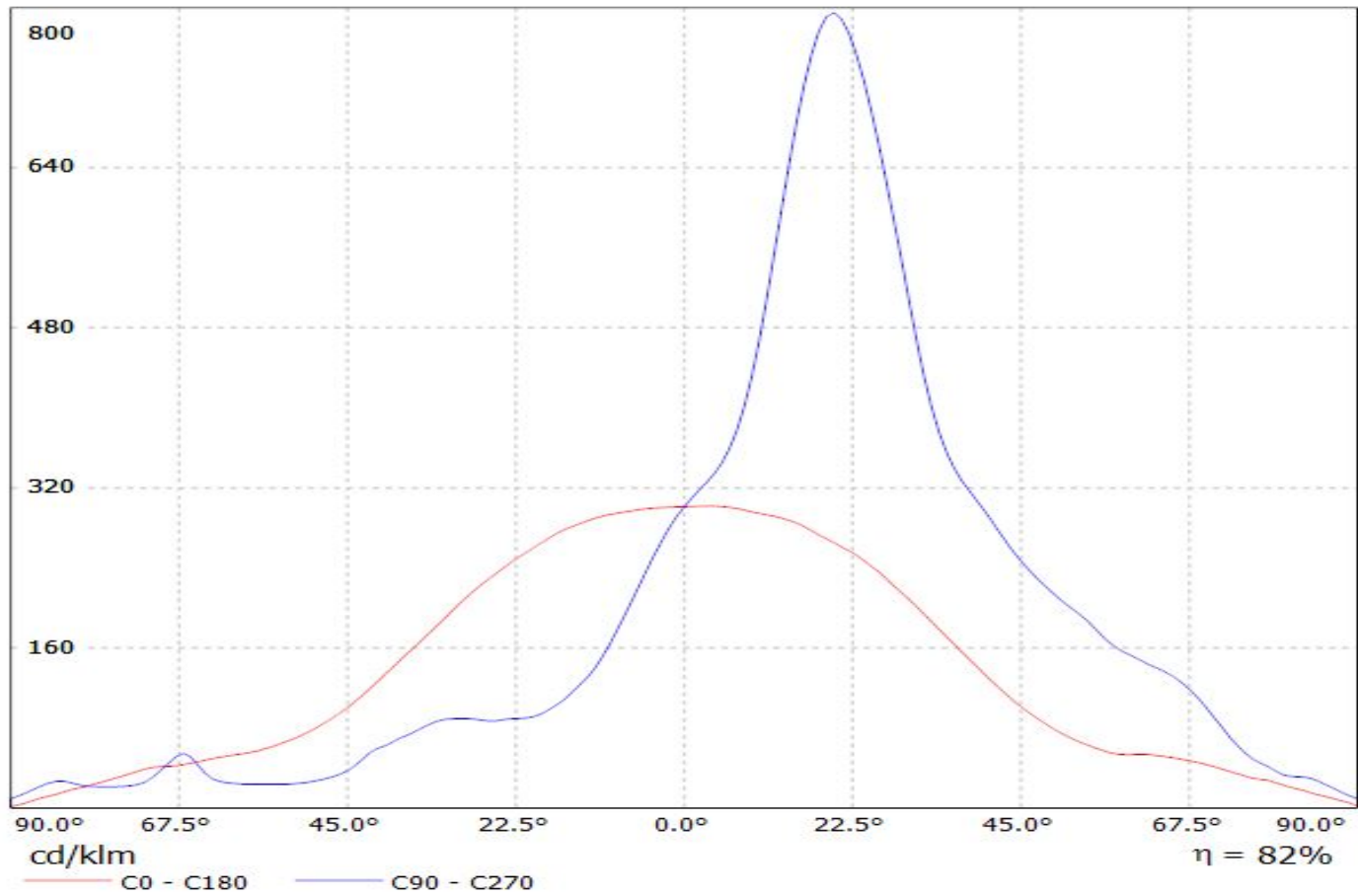


Luminaire: LEDiL Oy F16000_LINNEA-ZT25-B_(Seoul_semi_5630D)

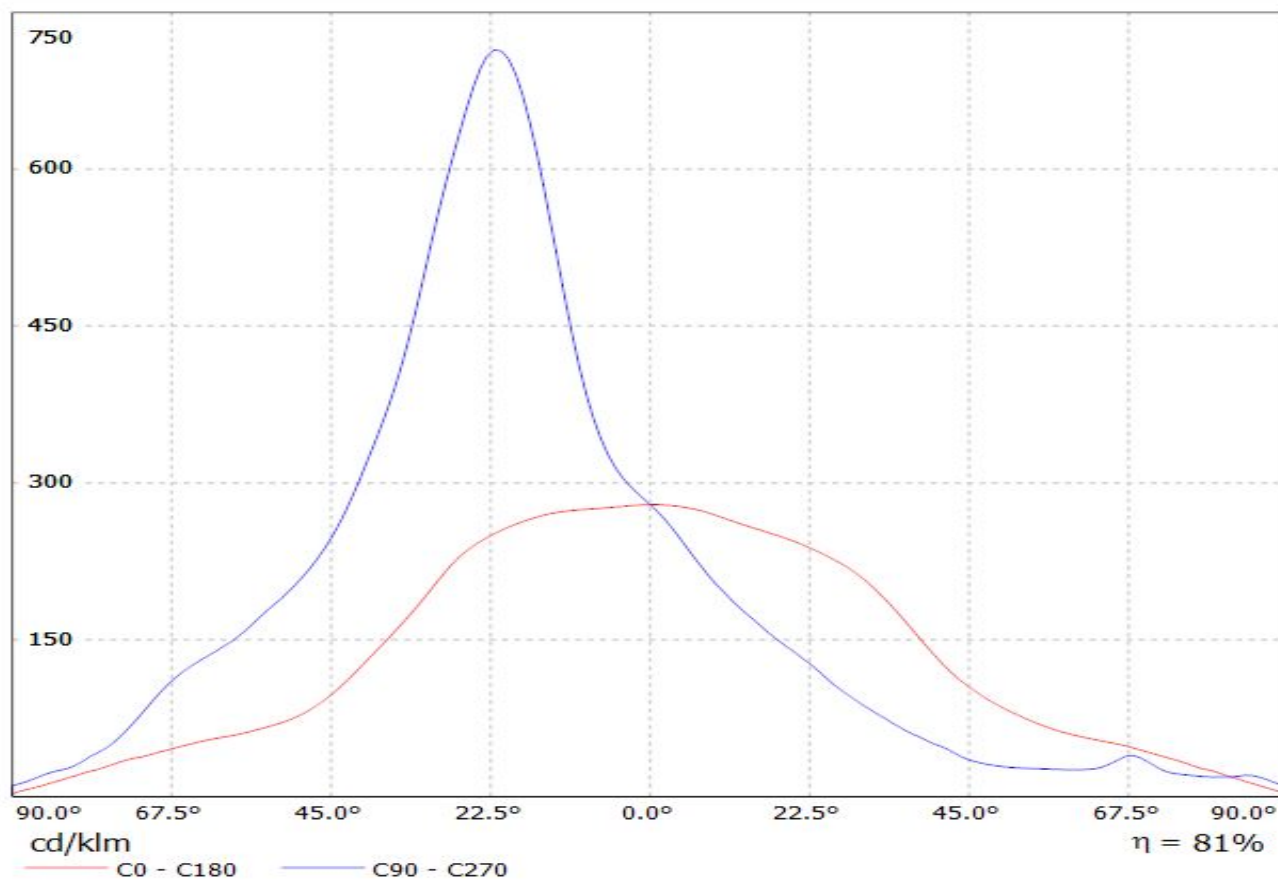
Lamps: 1 x Seoul_Semi_5630D_932.657lm@250mA_P=5.68145W_I=0.250A



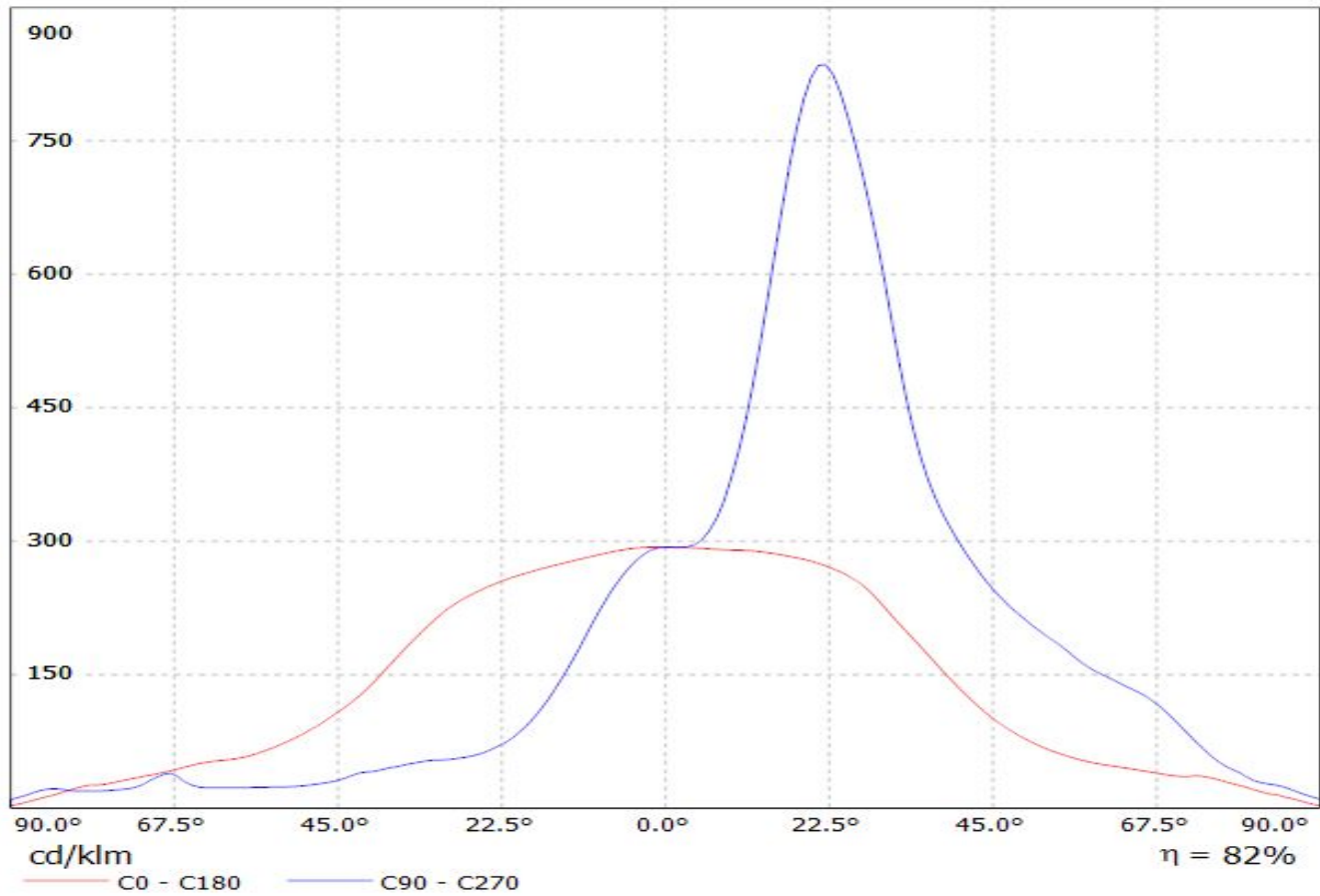
Luminaire: Ledil F16000_LINNEA-ZT25-B_(SunLike_3030)
Lamps: 1 x SEOUL_SunLike_3030_(STW9C2PB-S)_2_240.649lm@0.65mA_P=2.30531W_U=35.538V



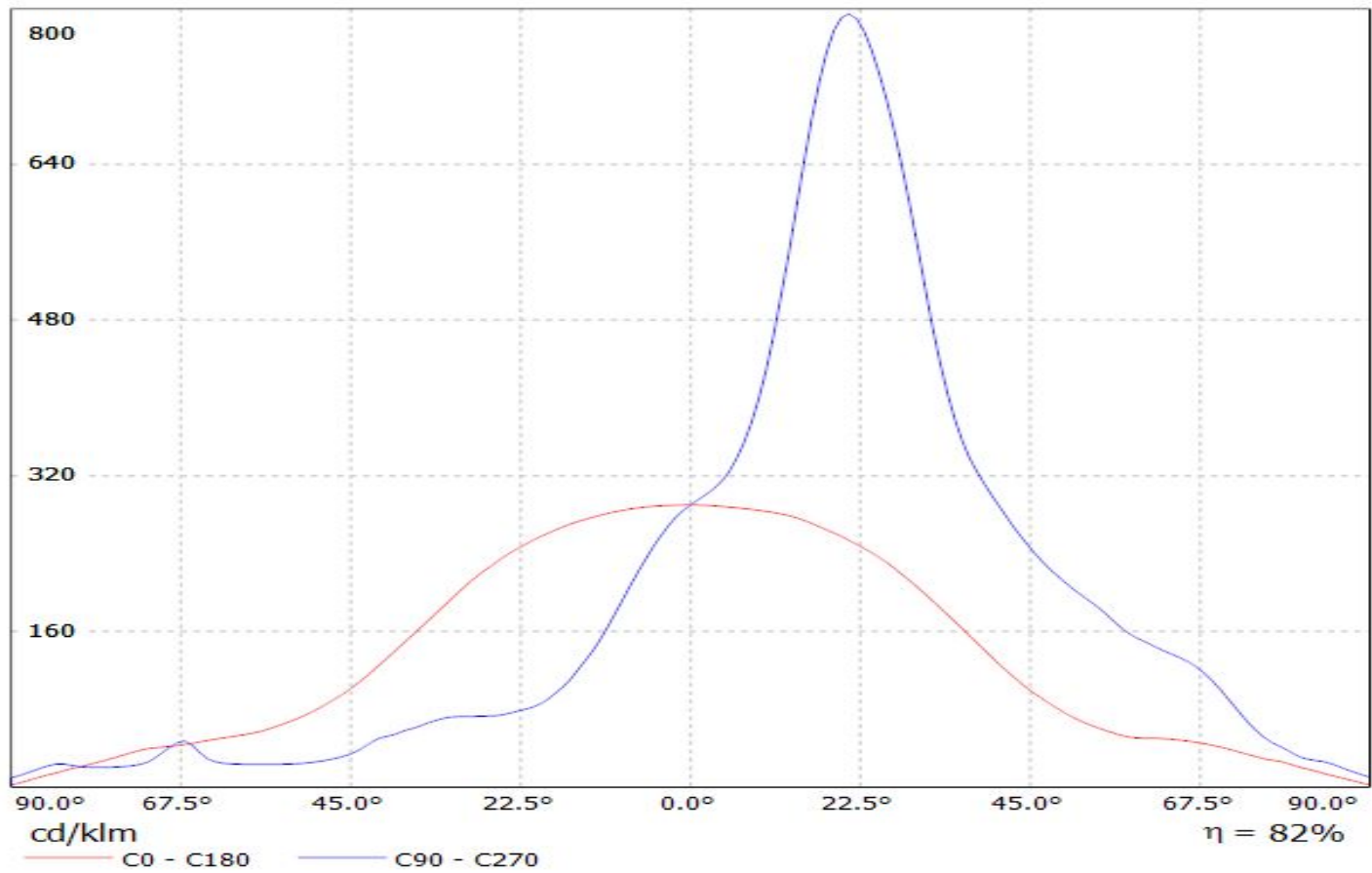
Luminaire: LEDiL Oy F16000_LINNEA-ZT25-B_(LLE_G4_24x280mm_2000lm_840_2T_ADV)
Lamps: 1 x
Tridonic_LLE_G4_24x280mm_2000lm_840_2T_ADV_1455.22lm@250mA_CCT=4000K_P=8.45498W_I=0.250A



Luminaire: LEDiL Oy F16000_LINNEA-ZT25-B_(LLE_G4_24x280mm_650lm_840_2T_ADV)
Lamps: 1 x
Tridonic_LLE_G4_24x280mm_650lm_840_2T_ADV_482.885lm@250mA_CCT=4000K_P=2.81637W_U=11.27V

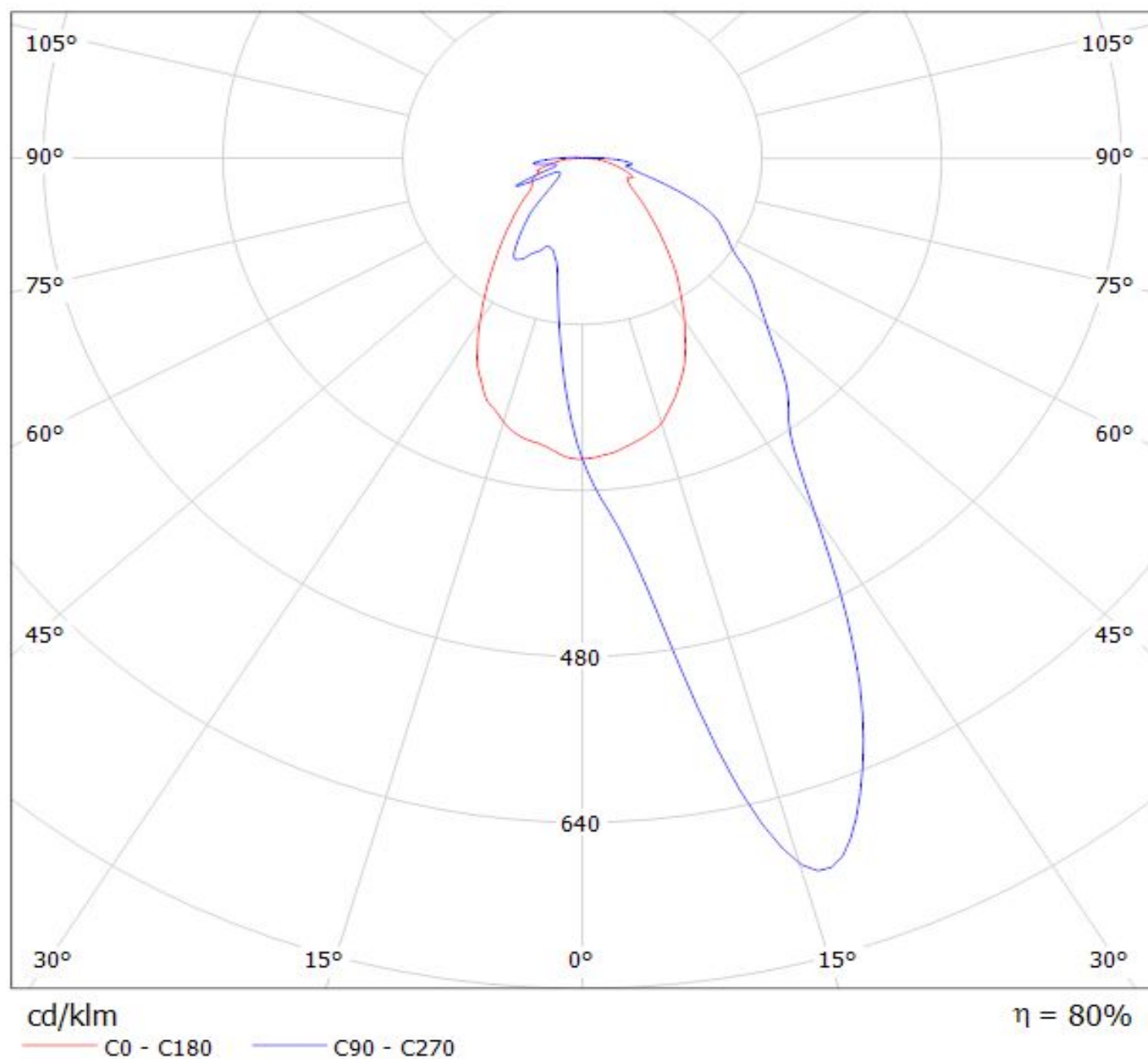


Luminaire: Ledil F16000_LINNEA-ZT25-B_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
Lamps: 1 x Tridonic_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
_971.78lm@250mA_CCT=4000K_P=5.6355W_U=22.5500V



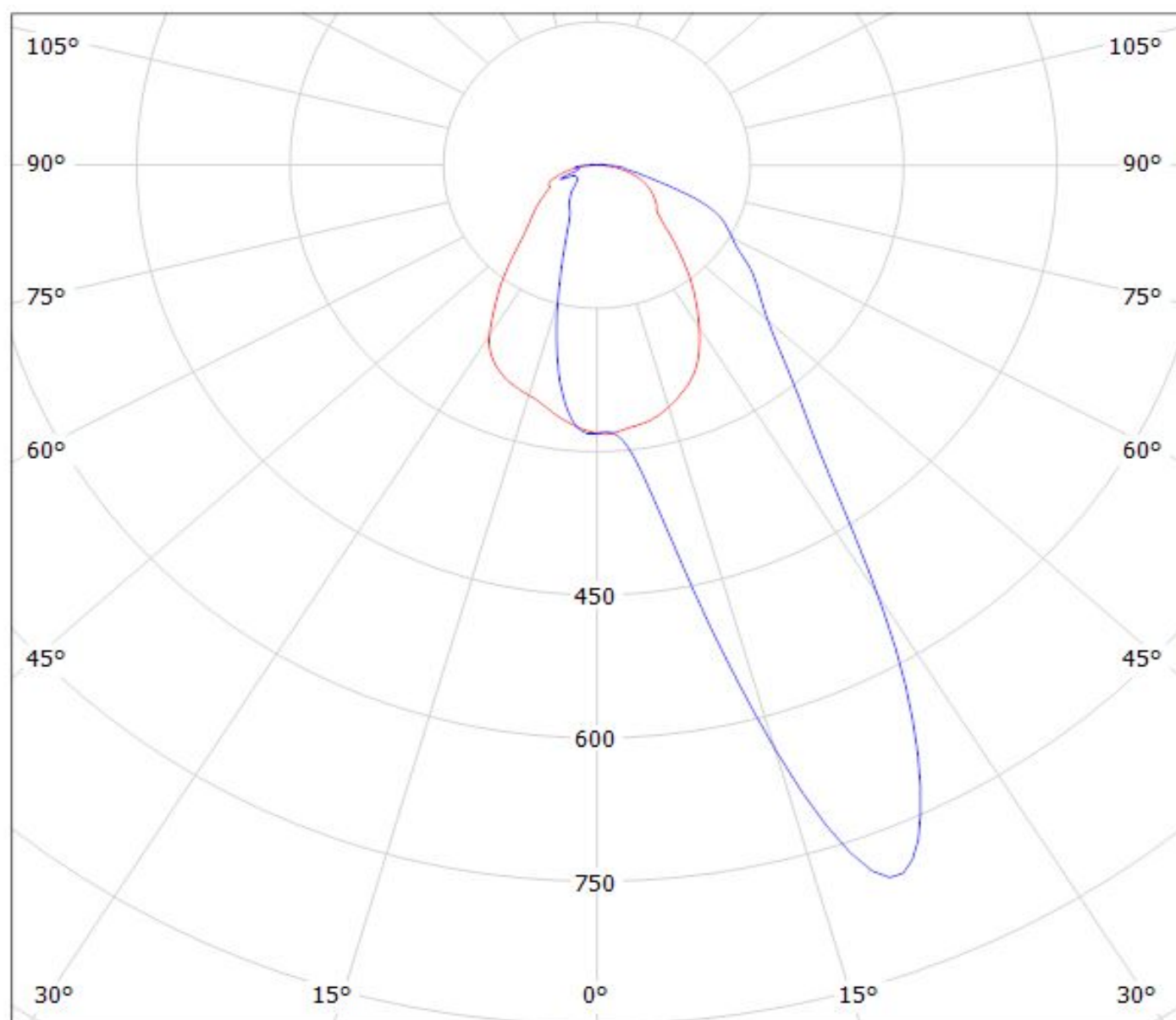
Luminaire: LEDiL Oy F16000_LINNEA-ZT25-B_(XP-E)

Lamps: 1 x Cree_XP-E_x12_(XPEWHT-L1-3C0-Q5-0-00)_920.665lm@250mA_P=9.07548W_U=36.329V



Luminaire: LEDiL Oy F16000_LINNEA-ZT25-B_(NFSx757G)

Lamps: 1 x Nichia_NFSx757Gx12_389.068lm@65mA_P=2.23905W_U=34.391V



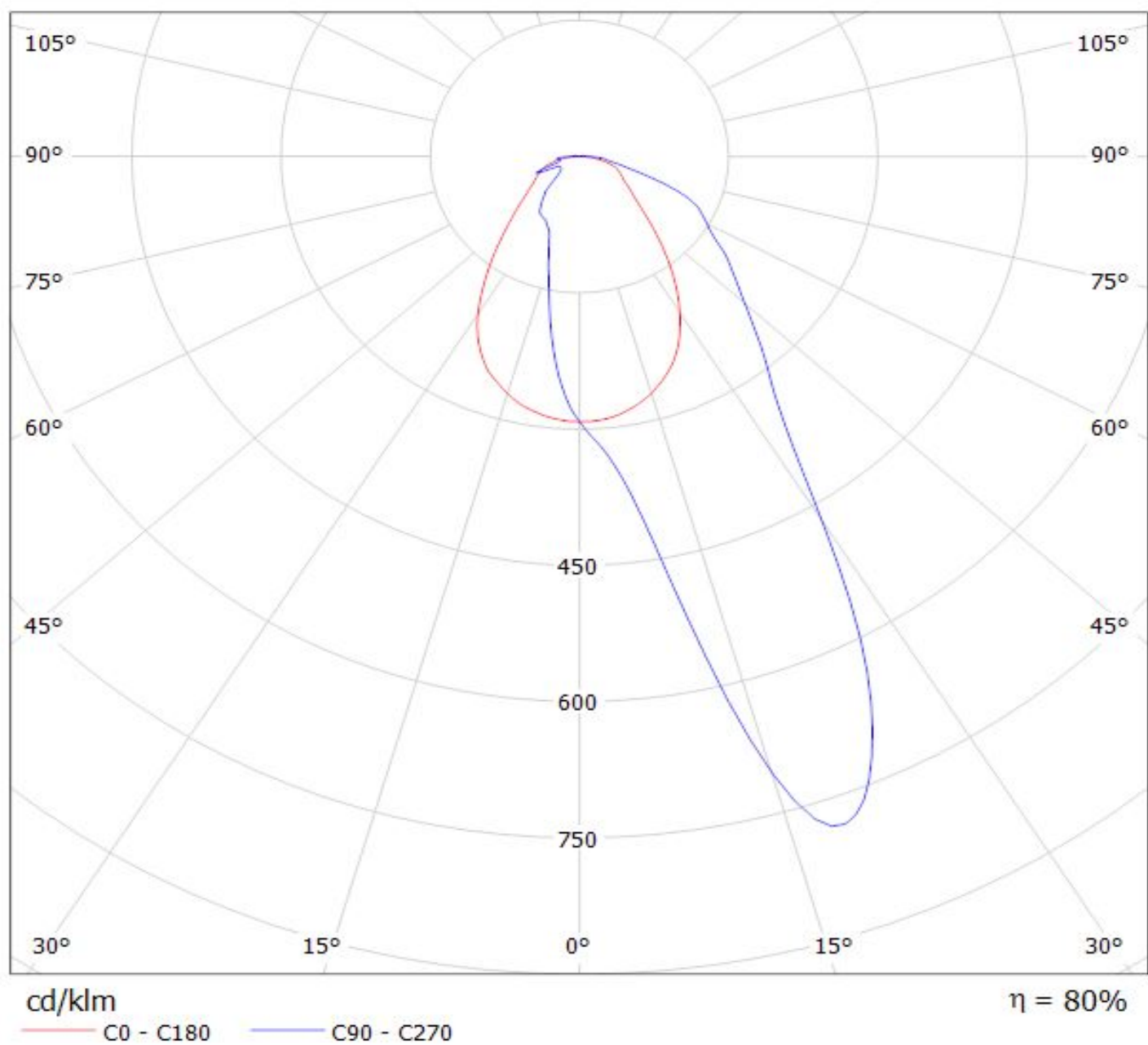
cd/klm

$\eta = 80\%$

— C0 - C180

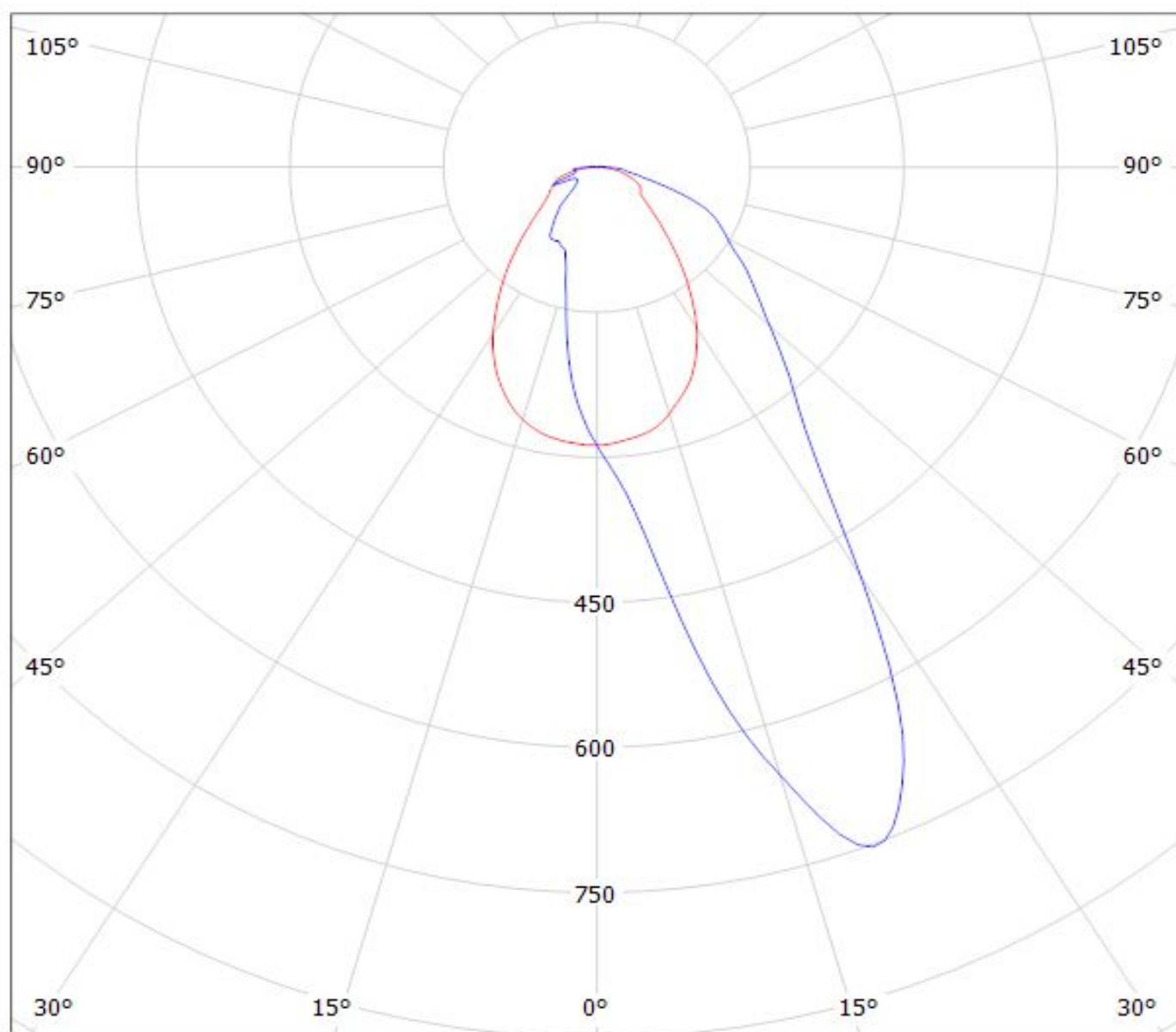
— C90 - C270

Luminaire: Ledil F16000_LINNEA-ZT25-B_(Prevaled_Linear_Slim_3)
Lamps: 1 x Osram_Prevaled_Linear_Slim_3_(PL-LIN S-Z3-2000-840-280)
_1949.14lm@300mA_CCT=4000K_P=12.0015W_U=40.179V



Luminaire: Ledil F16000_LINNEA-ZT25-B_(Duris_S5)

Lamps: 1 x Osram_Duris_S5_1183.73lm@250mA_P=8.66003W_U=34.724V



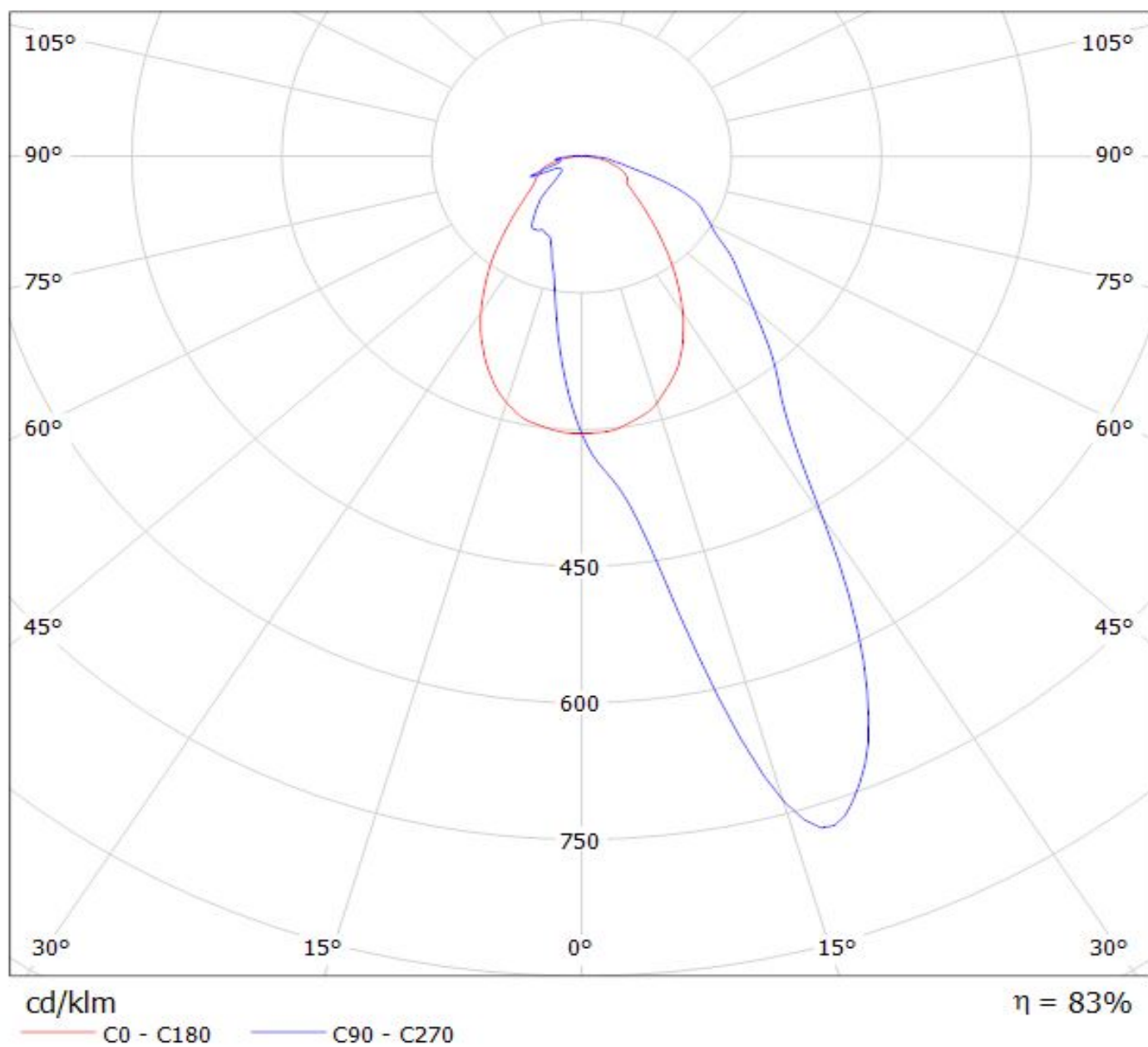
cd/klm

— C0 - C180

— C90 - C270

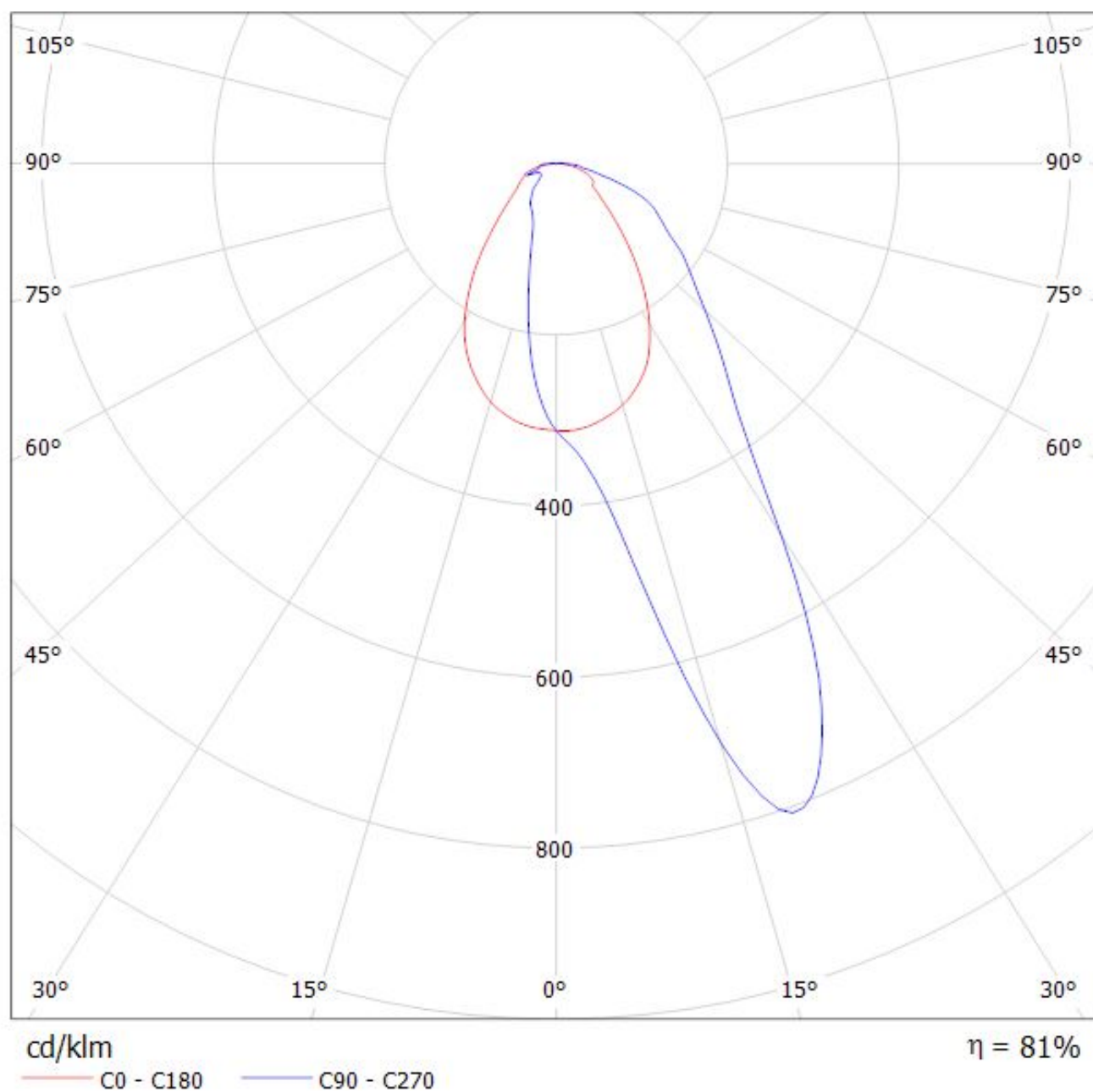
$\eta = 81\%$

Luminaire: LEDiL Oy F16000_LINNEA-ZT25-B_(Duris_S5_1chip)
Lamps: 1 x Osram_Duris_S5_1chip_(GWPSLM31_EM-GUHQ-A535-1)
_359.255lm@65mA_P=2.13817W_U=33.253V



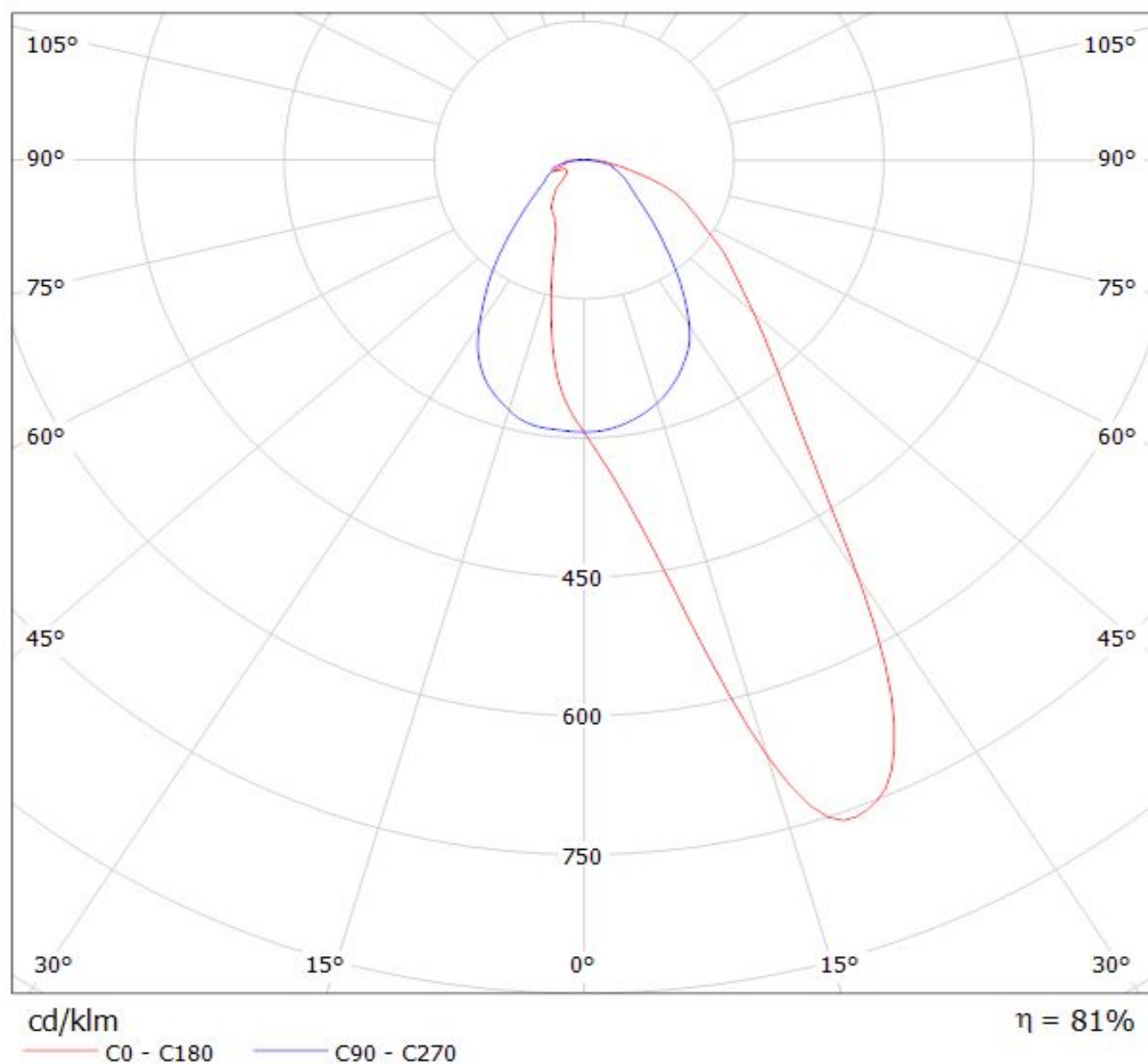
Luminaire: Ledil F16000_LINNEA-ZT25-B_(Fortimo_LED_Strip_1ft_1100lm_FC_HV4)

Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_1100lm_930_FC_HV4_735.772lm@250mA_P=5.6145W_U=22.496V



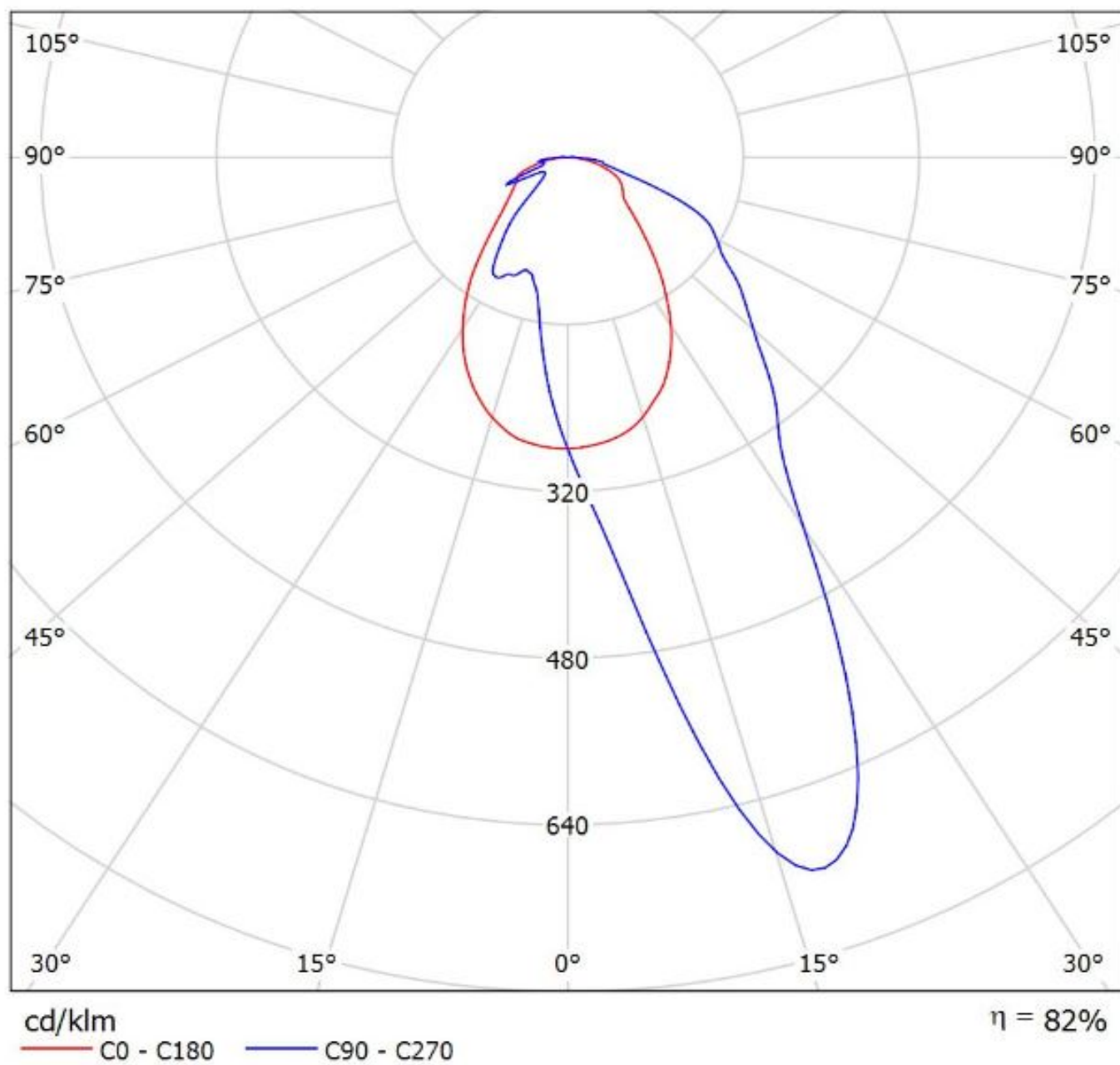
Luminaire: Ledil F16000_LINNEA-ZT25-B (Fortimo_LED_Strip_1ft_650lm_FC_LV4)

Lamps: 1 x Philips_Fortimo_LED_Strip_1ft_650lm_FC_LV4_994.849lm@190mA_P=6.82273W_U=35.990V

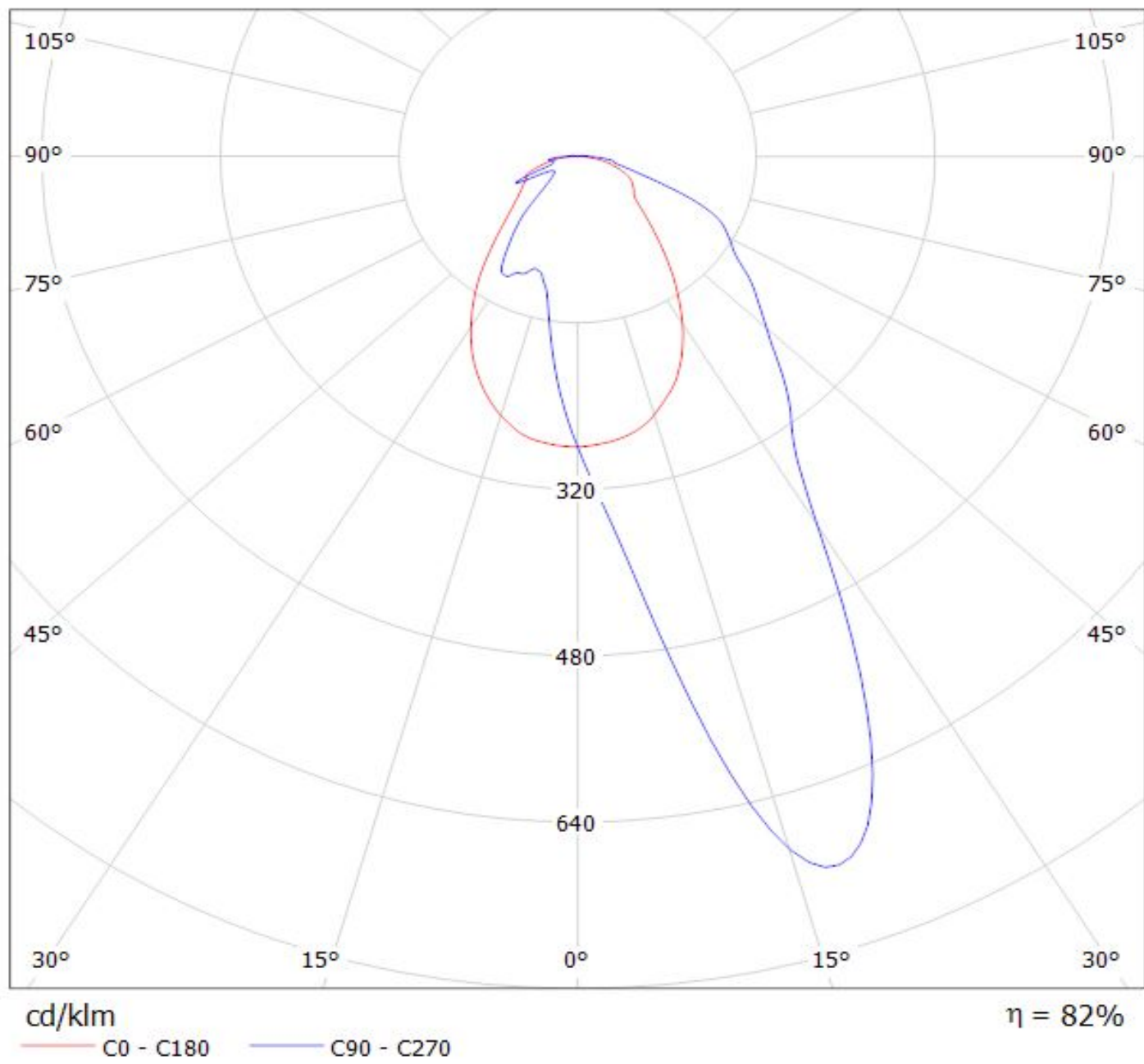


Luminaire: Ledil F16000_LINNEA-ZT25-B_(LT-V282E)

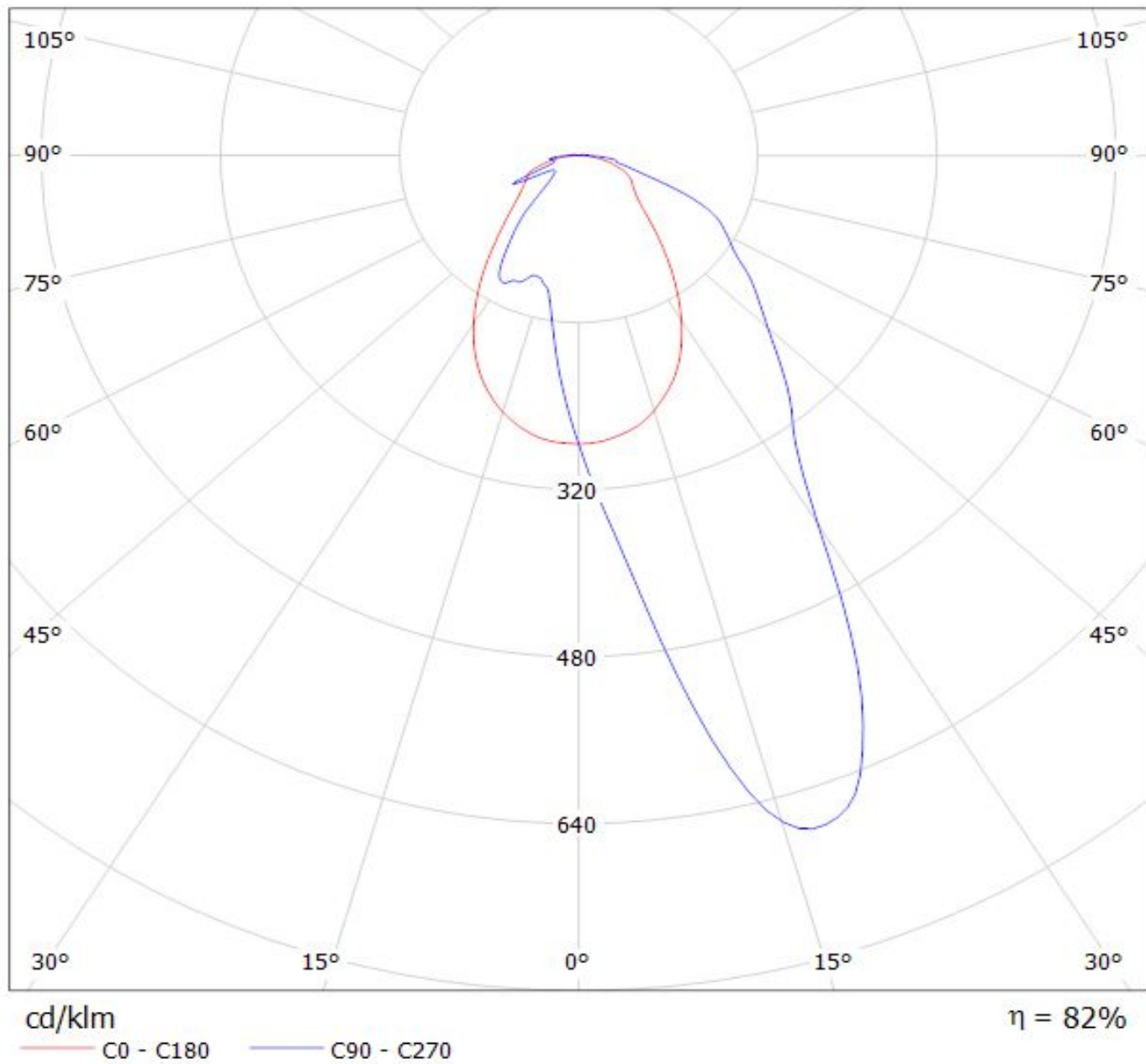
Lamps: 1 x Samsung_LT-V282E_(LM281B)_1072.13lm@300mA_CCT=4000K_P=7.1427W_I=0.30A



Luminaire: Ledil F16000_LINNEA-ZT25-B_(LT-V562E)
Lamps: 1 x Samsung_LT-V562E_(LM281B)_2144.6lm@300mA_CCT=4000K_P=14.2854W_I=0.30A

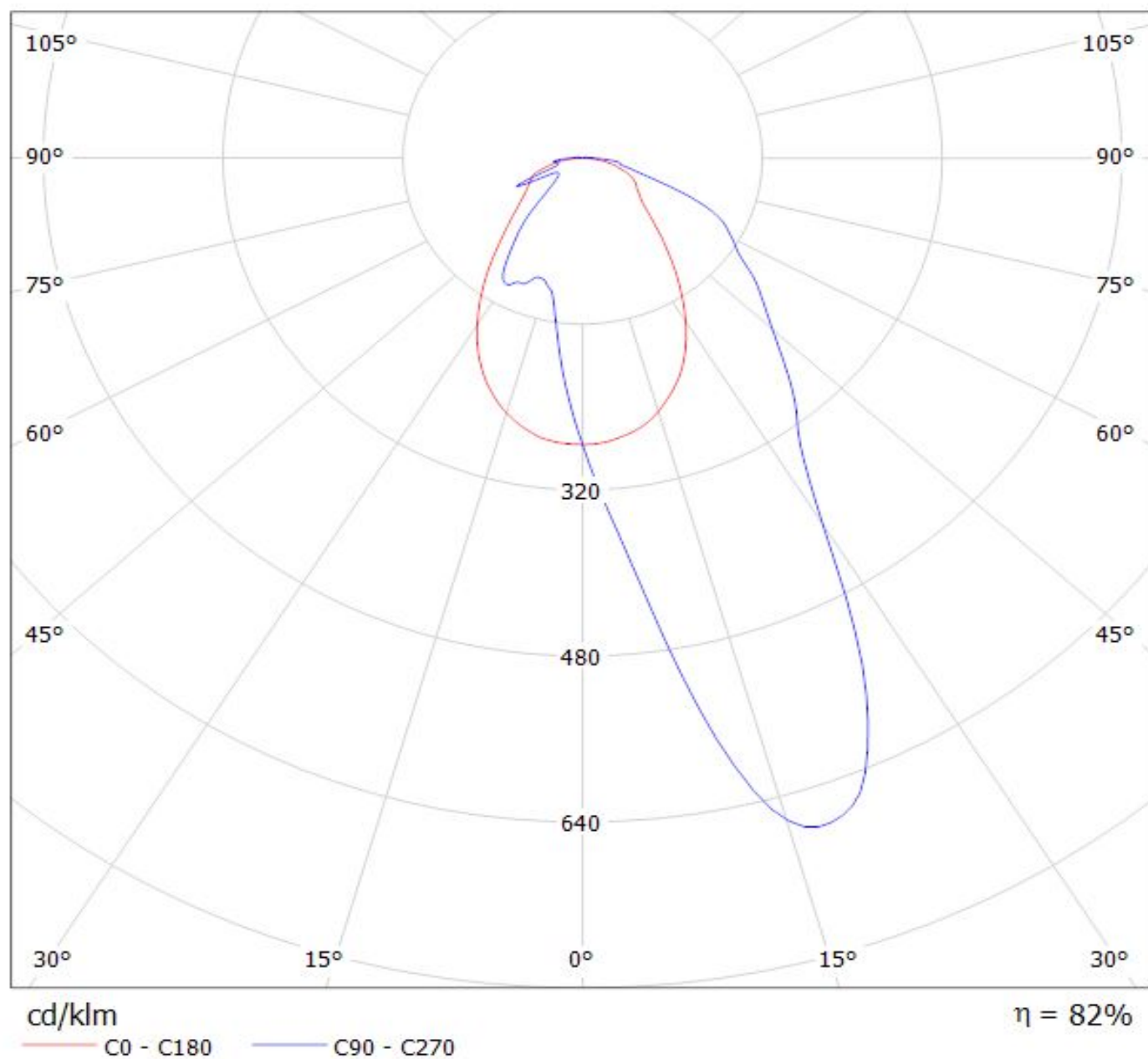


Luminaire: Ledil F16000_LINNEA-ZT25-B_(LT-H282C)
Lamps: 1 x Samsung_LT-H282C_(LM561C)_997.05lm@240mA_CCT=4000K_P=5.43445W_I=0.240A



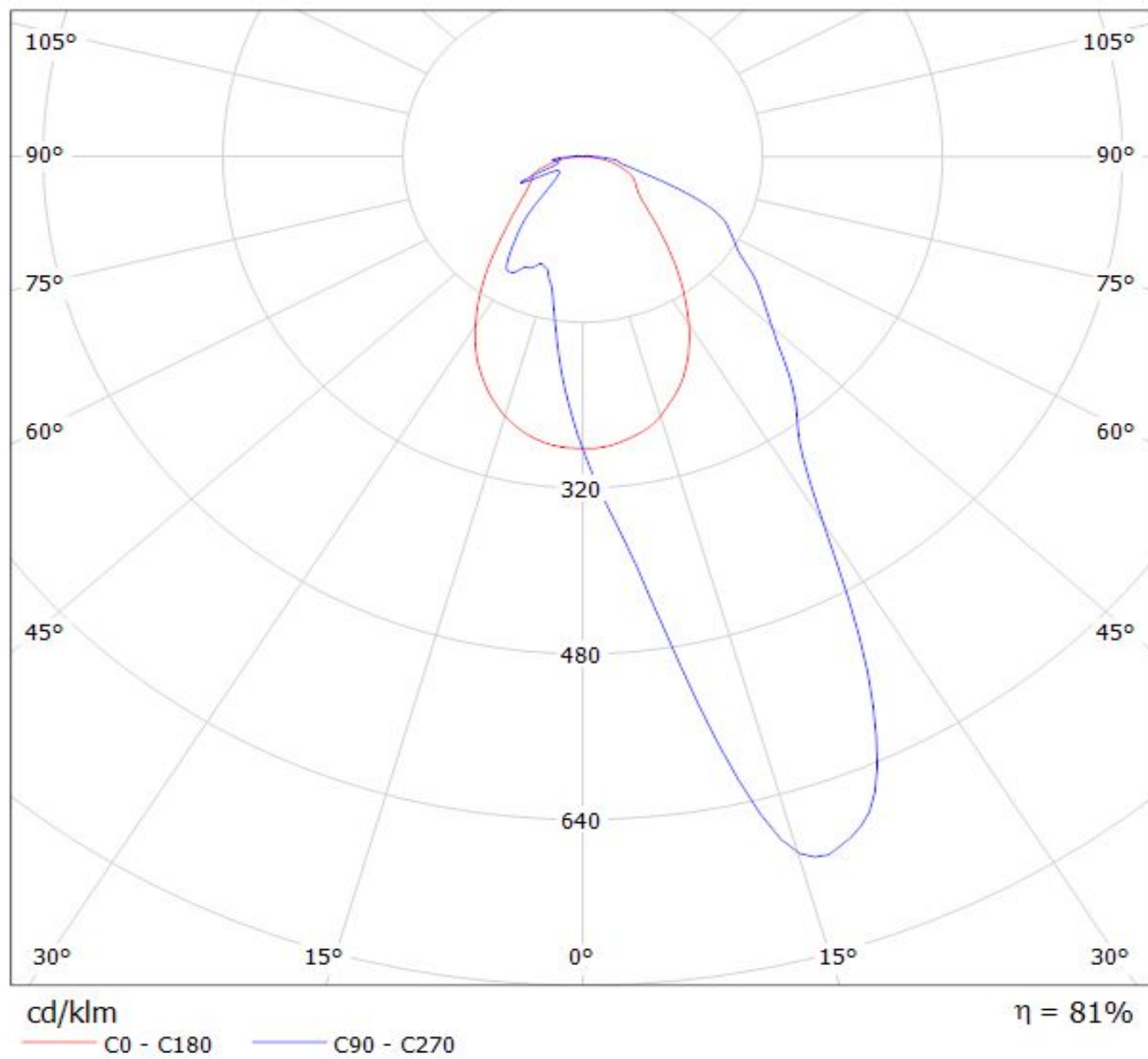
Luminaire: Ledil F16000_LINNEA-ZT25-B_(LT-H562C)

Lamps: 1 x Samsung_LT-H562C_(LM561C)_1994.1lm@240mA_CCT=4000K_P=10.8689W_I=0.240A



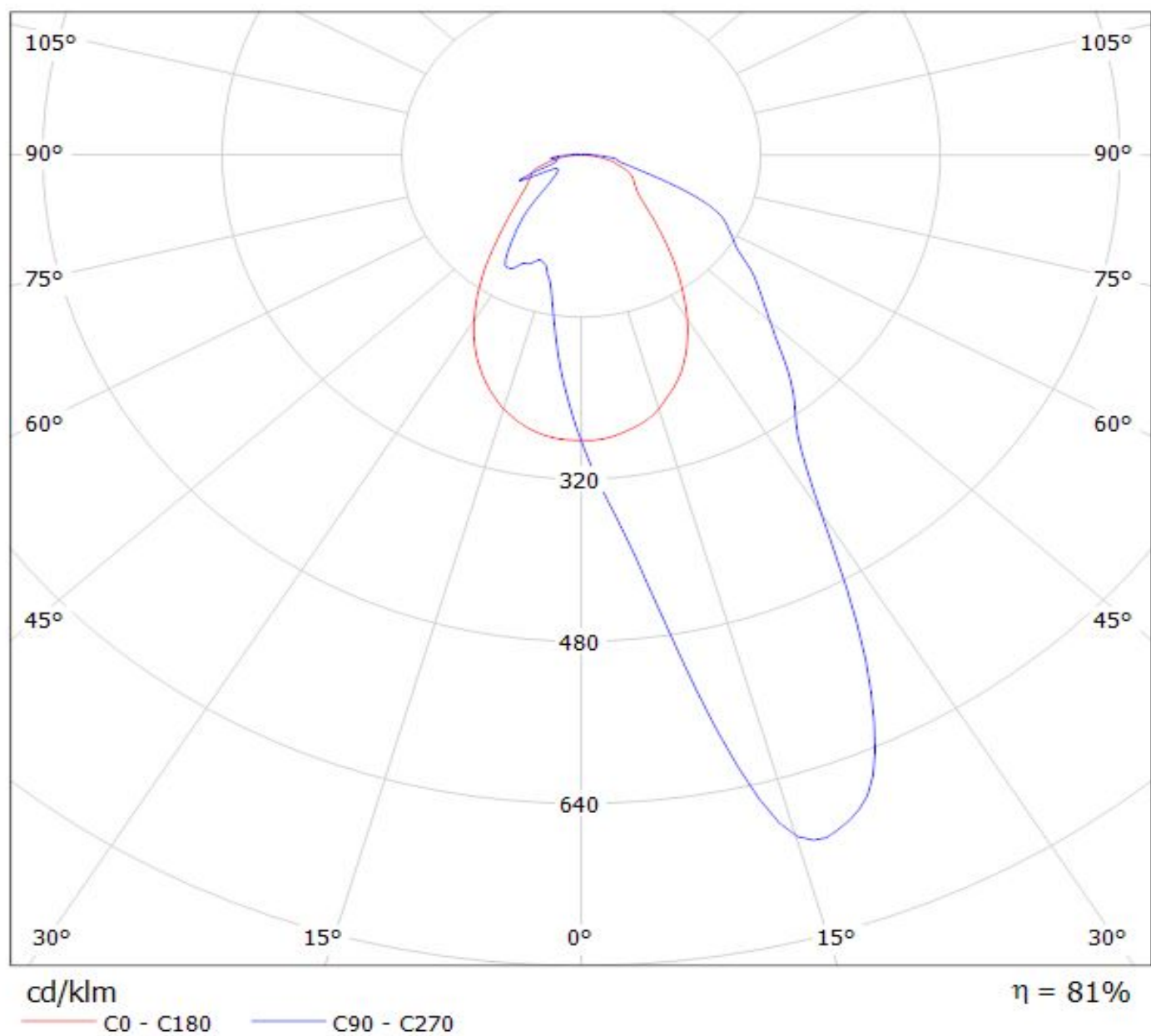
Luminaire: Ledil F16000 LINNEA-ZT25-B_(LT-S282H)

Lamps: 1 x Samsung_LT-S282H_(LM561B+)_1143.31lm@300mA_P=7.2W_I=0.30A



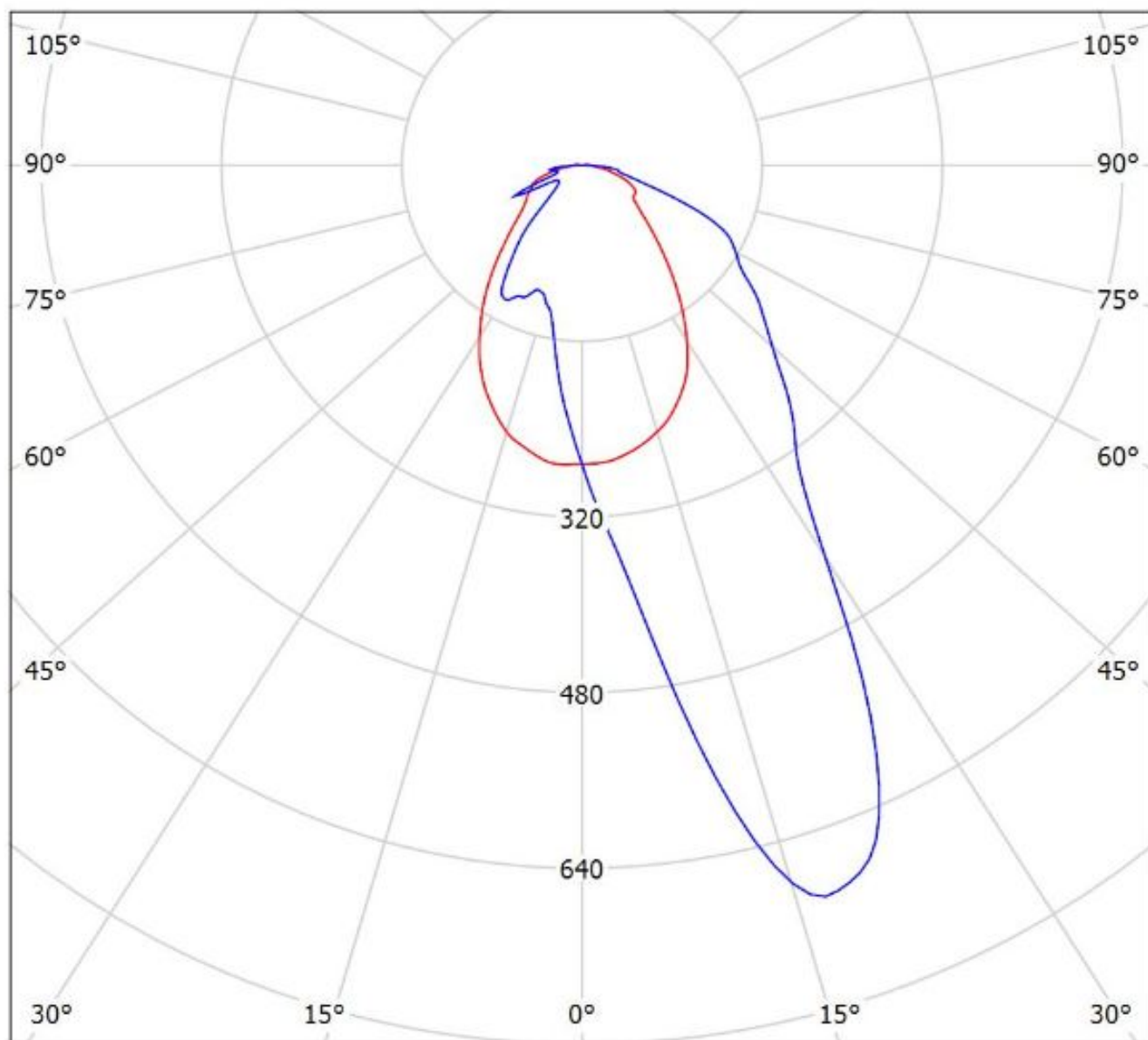
Luminaire: Ledil F16000_LINNEA-ZT25-B_(LT-S562H)

Lamps: 1 x Samsung_LT-S562H_(LM561B+)_2286.62lm@300mA_P=14.4W_I=0.30A



Luminaire: Ledil F16000_LINNEA-ZT25-B_(LT-Q282B)

Lamps: 1 x Samsung_LT-Q282B_(LM301B_SI-B8T053280EU)_943.526lm@180mA_P=4.99618W_U=27.805V



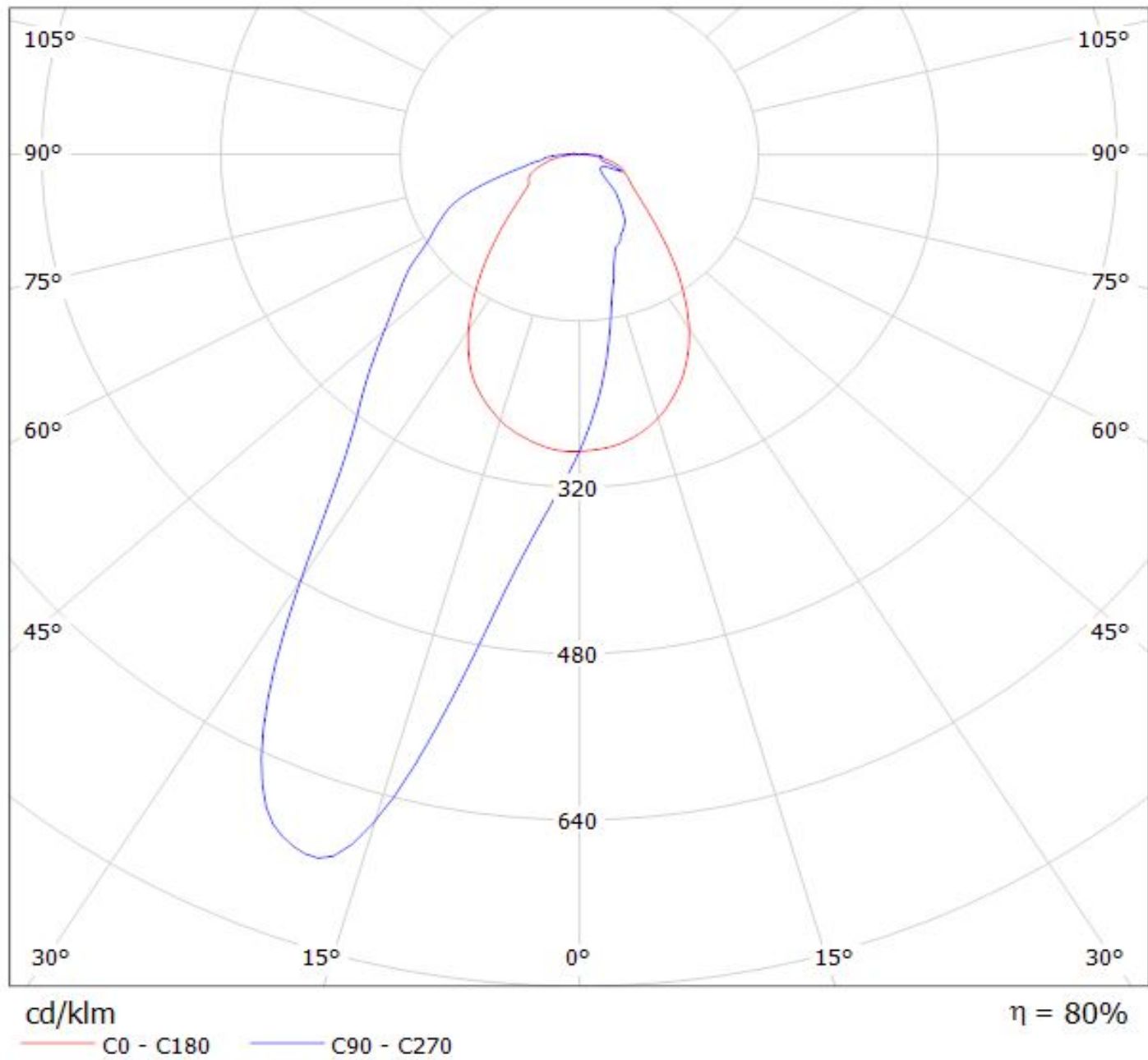
cd/klm

— C0 - C180

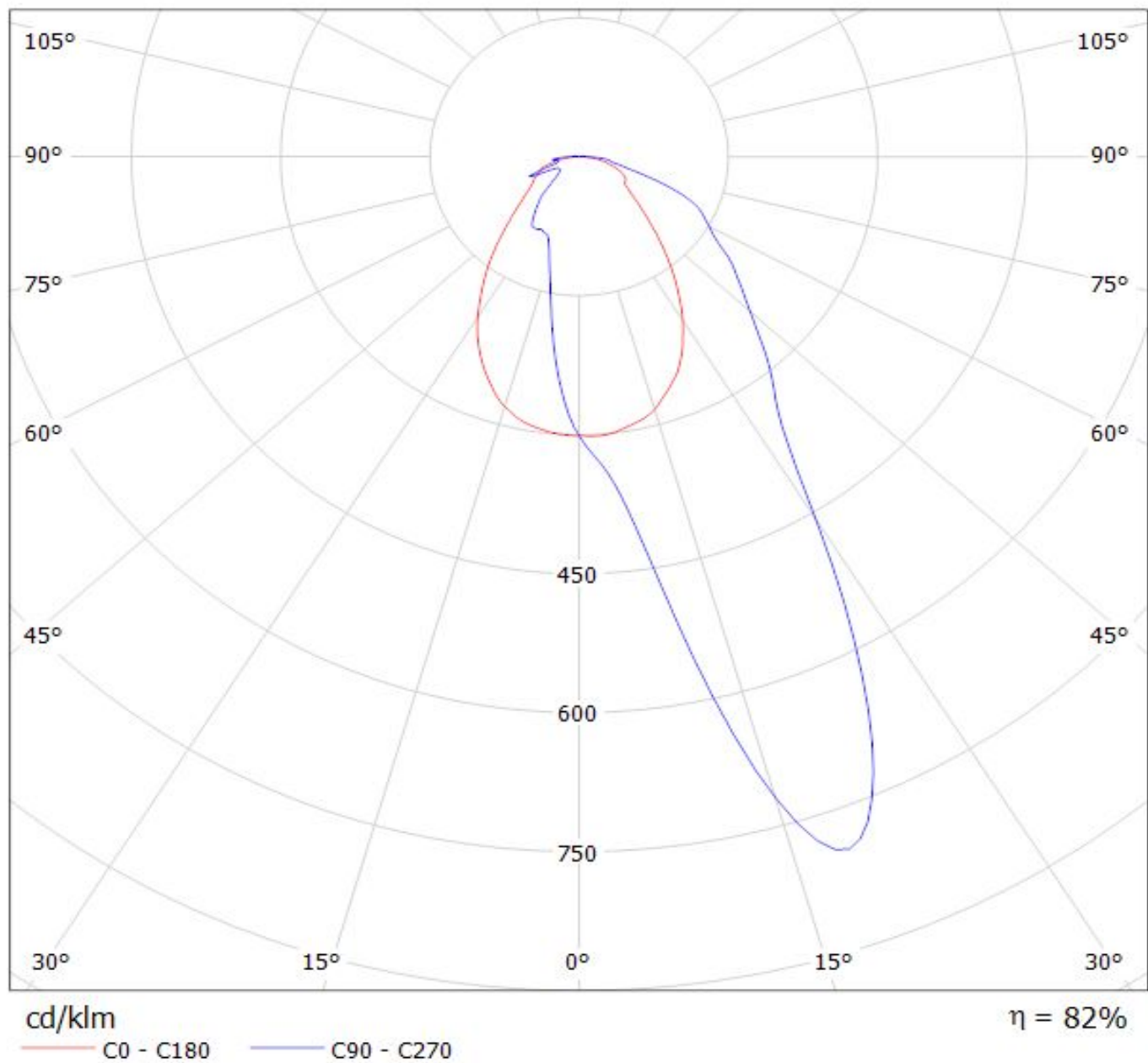
— C90 - C270

$\eta = 82\%$

Luminaire: LEDiL Oy F16000_LINNEA-ZT25-B_(Seoul_semi_5630D)
Lamps: 1 x Seoul_Semi_5630D_932.657lm@250mA_P=5.68145W_I=0.250A



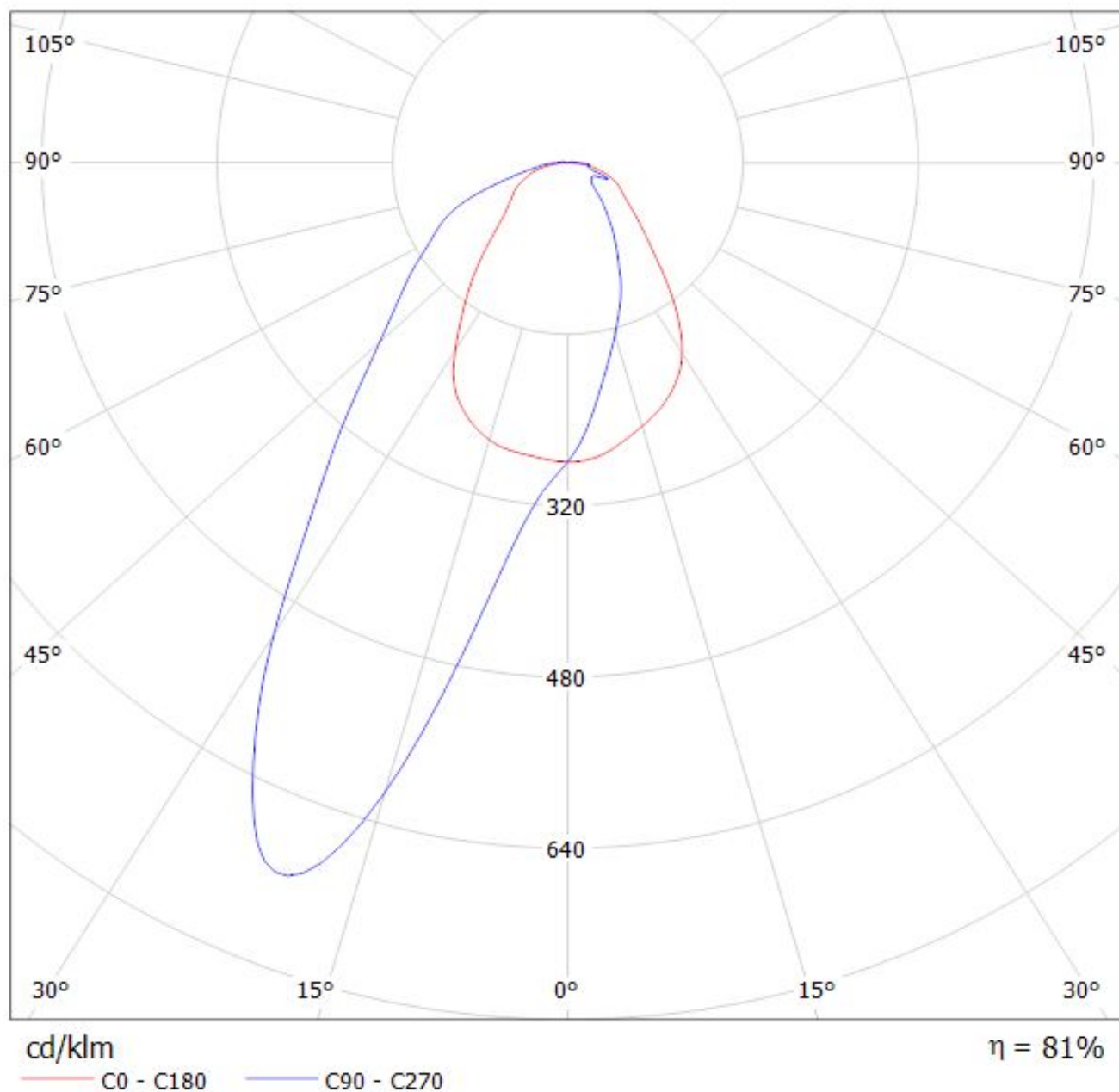
Luminaire: Ledil F16000_LINNEA-ZT25-B_(SunLike_3030)
Lamps: 1 x SEOUL_SunLike_3030_(STW9C2PB-S)_2_240.649lm@0.65mA_P=2.30531W_U=35.538V



Luminaire: LEDiL Oy F16000_LINNEA-ZT25-B_(LLE_G4_24x280mm_2000lm_840_2T_ADV)

Lamps: 1 x

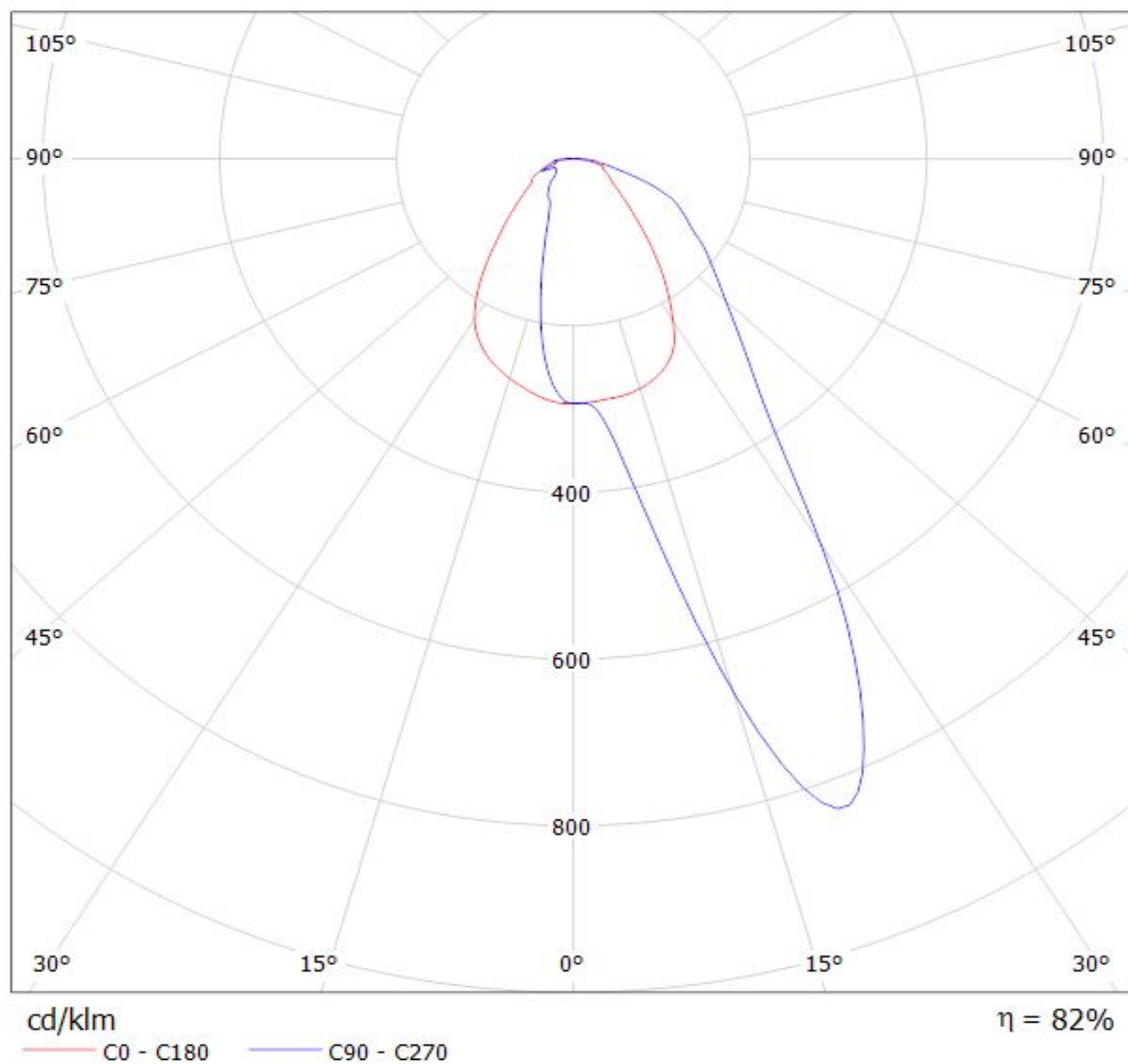
Tridonic_LLE_G4_24x280mm_2000lm_840_2T_ADV_1455.22lm@250mA_CCT=4000K_P=8.45498W_I=0.250A



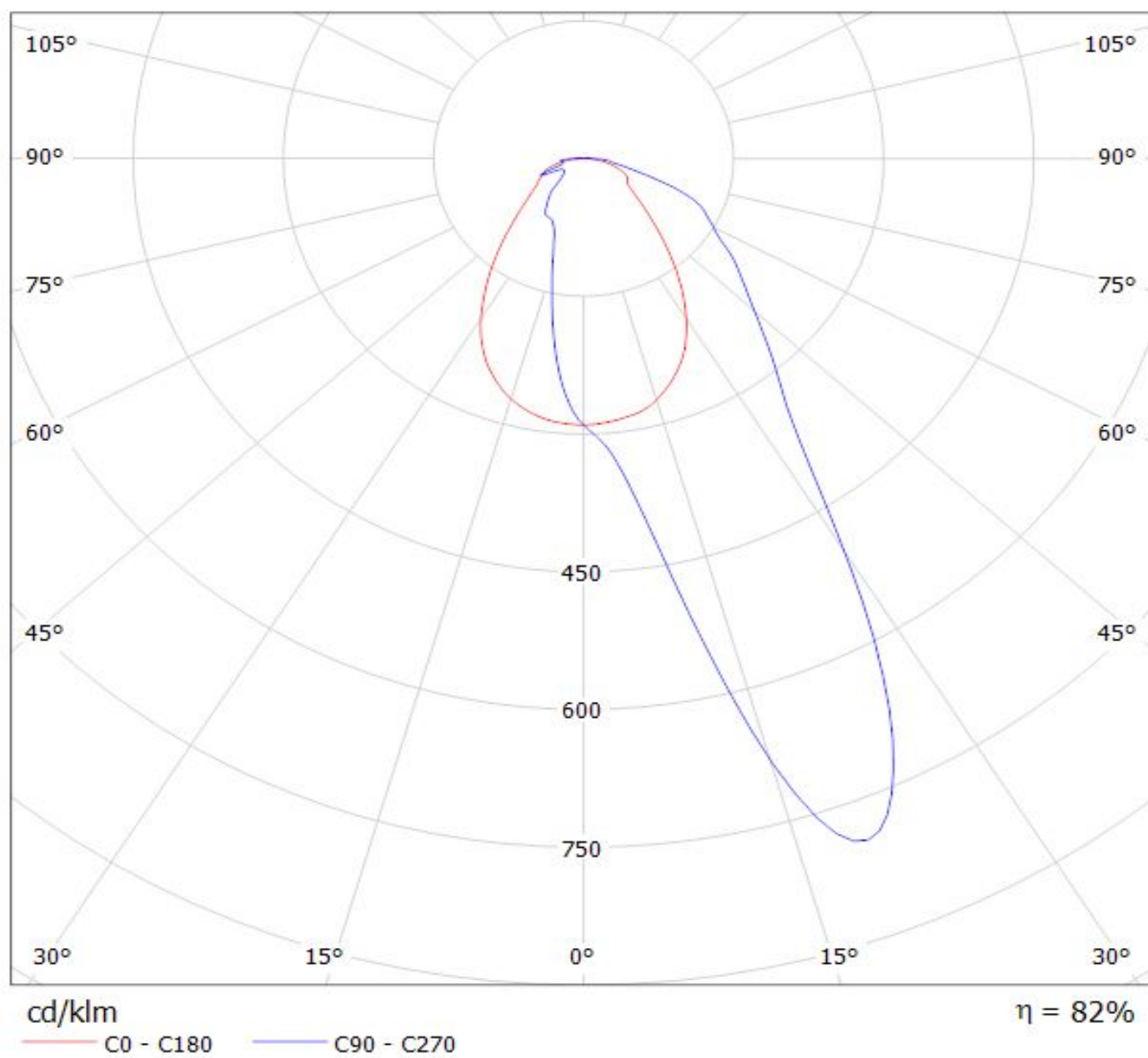
Luminaire: LEDiL Oy F16000_LINNEA-ZT25-B_(LLE_G4_24x280mm_650lm_840_2T_ADV)

Lamps: 1 x

Tridonic_LLE_G4_24x280mm_650lm_840_2T_ADV_482.885lm@250mA_CCT=4000K_P=2.81637W_U=11.27V



Luminaire: Ledil F16000_LINNEA-ZT25-B_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
Lamps: 1 x Tridonic_(LLE_G4_24x280mm_1250lm_840_4T_ADV)
_971.78lm@250mA_CCT=4000K_P=5.6355W_U=22.5500V



NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.